ATTACHMENT F

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NATIONAL LABORATORY
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Symbol: EPC-DO: 20-096
LAUR: 20-21143
Date: OCT 2 8 2020

Ms. Evelyn Rosborough
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U.S. Environmental Protection Agency
NPDES/Wetland Review Section (6WD-PN)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-7515

Subject: Triad Comments on the Draft Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019

Dear Ms. Rosborough:

The purpose of this letter is to provide comments from Triad National Security, LLC (Triad) and the U.S. Department of Energy (DOE) on the Draft Los Alamos National Laboratory (LANL) National Pollutant Discharge Elimination System (NPDES) Industrial and Sanitary Outfalls Permit No. NM0028355 published for public comment on November 30, 2019. Enclosure 1 provides the comments. Enclosures 2 and 7 provide the supplemental analytical data and notices of change discussed in the comments.

If you need additional information or have questions regarding the Permit Re-Application Comments please contact Karen Armijo, DOE at (505-665-7314) or Mike Saladen, Triad, at (505-665-6085).

Sincerely,

MICHAEL SALADEN (Affiliate)
Digitally signed by MICHAEL SALADEN (Affiliate)
Date: 2020.10.28 18:46:38 -06'00'

Taunia S. Van Valkenburg
Group Leader

TVV/MTS/JKG:jdm

Enclosure(s): Enclosure 1 Triad National Security (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment November 30, 2019
Enclosure 2 Supplemental Analytical Data for Outfalls 051 – Low MDL Mercury and Thallium
Enclosure 3 Supplemental Analytical Data for Outfall 03A181 – Chromium VI
Enclosure 4 Supplemental Analytical Data for Outfall 03A160
Enclosure 5 Supplemental Analytical Data for Outfall 051 from Discharges June 2019, March 2020 and August 2020
Enclosure 6 Notices of Planned Change to Outfall 001 Submitted November 27, 2019 (EPC-DO-19-430) and July 16, 2020 (EPC-DO-20-221)
Enclosure 7 Notice of Planned Change to Outfall 03A048 Submitted July 14, 2020 (EPC-DO-20-222)

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ENCLOSURE 1

Triad Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM 0028355 Published for Public Comment on November 30, 2019

EPC-DO: 20-096

LA-UR-20-21143

Date: OCT 28 2020

Referenced Documents

Reference ID No.	Date	Title	LA-UR	Notes
ESHQSS-19-018	3/26/2019	Los Alamos National Laboratory, National Pollutant Discharge Elimination System (NPDES) Permit No N0028355, 2019 NPDES Permit Re-Application	LA-UR-19-22215	Previous Submittal
EPC-DO-19-299	8/19/2019	NPDES Permit No. NNM0028355, 2019 NPDES Permit Re-Application, Supplemental Information Package 1	LA-UR-19-28240	Previous Submittal
EPC-DO-19-301	8/19/2019	NPDES Permit No. NNM0028355, 2019 NPDES Permit Re-Application, Supplemental Information Package 2 (RLW Effluent Data from June 2019)	LA-UR-19-28283	Previous Submittal
EPC-DO-19-302	8/20/2019	NPDES Permit No. NNM0028355, 2019 NPDES Permit Re-Application, Supplemental Information Package 3 (Notice of Change Documents for 05A055, SERF, and 03A160)	LA-UR-19-28341	Previous Submittal
EPC-DO-19-394	10/24/2019	NPDES Permit No. NNM0028355, Monthly Discharge Monitoring Reports (DMRs) for September 2019, Quarterly DMRs for July 2019 - September 2019, Yearly DMRs for October 2018 - Sept 2019, and Term DMRs for October 2014 - September 2019	LA-UR-19-30842	Previous Submittal
EPC-DO-20-062	2/25/2020	NPDES Permit No. NNM0028355, Semi-Annual Progress Report (July 1, 2019 through December 31, 2019)	LA-UR-20-21615	Previous Submittal
Enclosure 2		Supplemental Analytical Data for Outfall 051 - Low MDL Mercury and Thallium		Enclosed
Enclosure 3		Supplemental Analytical Data for Outfall 03A181 - Chromium VI		Enclosed
Enclosure 4		Supplemental Analytical Data for Outfall 03A160		Enclosed
Enclosure 5		Supplemental Analytical Data for Outfall 051 from Discharges June 2019, March 2020, and August 2020		Enclosed
Enclosure 6		Notice of Planned Change to Outfall 001 Submitted Nov 27, 2019 (EPC-DO-19-430/LA-UR-19-31762)		Enclosed
Enclosure 6		Notice of Planned Change to Outfall 001 Submitted July 16, 2020 (EPC-DO-20-221/LA-UR-20-23984)		Enclosed
Enclosure 7		Notice of Planned Change to Outfall 03A048 Submitted July 14, 2020 (EPC-DO-20-222/LA-UR-20-24983)		Enclosed

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
1	General Comment	Part I.A Pages 1, 2, 4, 5, 16, 17 and Fact Sheet Page 15	Congener Method 1668 for PCBs is not an approved EPA Method listed in 40 CFR 136. Triad and DOE support the use of the PCB congener method for reporting purposes only but not for compliance purposes. The EPA issued a proposal (FR Vol. 75, No. 222, November 18, 2010) to incorporate the method into 40 CFR Part 136 and accepted comments addressing the validity of the method. The EPA received comments from 35 respondents; only five supported inclusion into Part 136. On May 18, 2012, EPA withdrew the proposed incorporation of the method (FR Vol. 77 No. 97, May 18, 2012). The Los Alamos National Laboratory (LANL) is the only facility in New Mexico where use of the Congener Method 1668 is required to determine compliance with an NPDES permit limit. The proposal to use Method 1668 for monitoring and reporting only is consistent with other New Mexico NPDES permits. Triad and DOE request the removal of the Congener Method 1668 for determining effluent permit compliance from the draft permit. Triad and DOE request that Congener Method 1668 analysis be changed to EPA approved method Aroclor Method 8082 analysis for PCB effluent limit monitoring and reporting at NPDES Outfall 001.
2	General Comment	Part I.A, Page 1, 16, and 22	The following bullets summarize the evolution of the 6T3 requirement in the LANL NPDES permit: - In 2005, the Water Quality Control Commission (WQCC) adopted the Upper Sandia Canyon Assessment Unit (AU) as a classified water of the State with the designated use of cold-water aquatic life and the segment-specific temperature criteria of 24°C. The decision to adopt the segment-specific temperature criteria was based on the 2002 U.S. Fish and Wildlife Service (USFWS 2002) study that included continuous temperature recording within the Upper Sandia Canyon AU during the summer of 1997. The study concluded that a cold-water aquatic life designated use, defined by a site-specific maximum temperature of 24°C was appropriate. NMED SWQB prepared a UAA (NMED 2007) detailing the attainable aquatic life uses for the new Segment and submitted it to EPA for approval. EPA approved Segment 20.6.4.126 NMAC in September of 2007. - In 2010, as part of a revision of the New Mexico Water Quality Standards, the WQCC discontinued site-specific temperature listings when they did not differ from the cold water temperature criteria contained in 20.6.4.900.H NMAC. The Upper Sandia Canyon AU site-specific maximum temperature standard of 24°C was eliminated and replaced with the general cold water temperature criteria contained in 20.6.4.900.H NMAC. This criterion specifies a maximum temperature of 24°C, but includes the criterion that a temperature of 20°C not be exceeded for six or more consecutive hours in a 24-hour period on more than three consecutive days (6T3). - The 6T3 criteria was added to the NPDES Permit for Outfall 001 that became effective on October 1, 2014 and became applicable on September 30, 2019 as part of a compliance schedule.

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
			Elevated air temperatures continue to heat the receiving water in Upper Sandia Canyon causing it to be naturally warmer than the 6T3 standard during the months of June through August. Triad and DOE in cooperation with the NMED have collected data to document this issue. Triad and DOE have initiated the regulatory rule making process to demonstrate that the application of the 6T3 cold-water temperature criteria from NMAC 20.6.4.900.H is not attainable in Upper Sandia Canyon. Analytical data have been provided to EPA and NMED in the Semi-Annual Report (Ref. EPC-DO-20-062). Additionally, on February 10, 2020 Triad and DOE submitted a Work Plan for developing a Use Attainability Analysis (UAA) for 6T3 in Sandia Canyon to the NMED (Ref. EPC-DO-20-040). NMED has indicated it will take approximately 30-60 days to review and approve the Work Plan. Upon NMED approval, Triad and DOE will develop the UAA for public comment. While this rule making effort is pending, Triad and DOE request that EPA provide Triad and DOE additional time (i.e. compliance schedule) to meet the 6T3 requirement.
3	General Comment	Part I.A and Section VI CWA 303(d) Impaired Water	The draft permit inconsistently assigns monitoring requirements and/or permit limits to outfalls that discharge to impaired waters. Specifically, it is inconsistent for those pollutants that were not detected and/or for which the RP Analysis was negative. The outfalls, discharge locations, and impairments are provided below: • Outfall 001: Sandia Canyon [NMAC 20.4.6.126] impaired for Temperature, Total Recoverable Aluminum, Dissolved Copper, PCB, and Adjusted Gross Alpha. • Outfall 03A027: Sandia Canyon [NMAC 20.4.6.126] impaired for Temperature, Total Recoverable Aluminum, Dissolved Copper, PCB, and Adjusted Gross Alpha. • Outfall 03A199: Sandia Canyon [NMAC 20.4.6.126] impaired for Temperature, Total Recoverable Aluminum, Dissolved Copper, PCB, and Adjusted Gross Alpha. • Outfall 03A022: Mortandad Canyon [NMAC 20.6.4.128] impaired for Dissolved Copper, PCBs, Adjusted Gross Alpha, and Total Mercury. • Outfall 051: Mortandad Canyon [NMAC 20.6.4.128] impaired for Dissolved Copper, PCBs, Adjusted Gross Alpha, and Total Mercury. • Outfall 03A181: Mortandad Canyon [NMAC 20.6.4.128] impaired for Dissolved Copper, PCBs, Adjusted Gross Alpha, and Total Mercury. • Outfall 13S: Canada del Buey [NMAC 20.6.4.128] impaired for PCBs and Adjusted Gross Alpha. • Outfall 05A055: Canon de Valle [NAMC 20.6.4.128] impaired for Adjusted Gross Alpha. • Outfall 03A048: Los Alamos Canyon [NMAC 20.6.4.128] impaired for PCBs, Total Recoverable Cyanide, Total Recoverable Selenium, Adjusted Gross Alpha, and Total Mercury. • Outfall 03A113: Sandia Canyon [NMAC 20.6.4.128] impaired for PCBs, Total Recoverable Aluminum, Adjusted Gross Alpha, and Total Mercury.

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
			• Outfall 160: Ten Site Canyon [NMAC 20.6.4.128] impaired for PCBs and Adjusted Gross Alpha. Please amend the inconsistencies in Part I.A as follows: - Delete permit limits at those outfalls where the pollutant was not detected and the RP Analysis was negative. - Reduce to permit monitoring "report only" at those outfalls where the pollutant was detected and the RP Analysis was negative. Recommend a frequency of 1/year. Please revise Section VI to reflect all applicable impaired waters and the methodology/approached used to assign permit requirements based upon discharges to them.
4	General Comment	Part III.D.4	Triad requests a waiver from the requirement to use NetDMR to submit Discharge Monitoring Report (DMR) results due to the complications associated with reporting for multiple outfalls; the inability of NetDMR to record WET test results and retests; and the inability to of NetDMR to report 6T3 exceedances for temperature at Outfall 001. If the EPA grants the waiver, Triad proposes to continue to submit paper DMRs on EPA No. 3320-1. If the EPA decides not to grant the waiver, than Triad requests the requirement to implement NetDMR be amended to allow for implementation under a compliance schedule. This will allow Triad to work with NetDMR to create the custom parameters, storet codes, and limits that will be required to implement the NetDMR system at LANL. A compliance schedule would also provide Triad time to develop modifications to the Electronic Information Management System at LANL so that it can auto populate the DMR reports without errors or inconsistencies.
5	General Comment	Fact Sheet pg. 8, Part B, 5th paragraph	There was combination of ELG and BPJ used on this permit and the paragraph as written conflicts with the information stated for each outfall. Please revise the paragraph as follows: "Following are the summary of the Technology Based Effluent limitations included in the administratively continued permit and EPA proposes to retain them in the permit:"
6	General Comment	Fact Sheet Page 12, Item C.4, 1st paragraph	Please revise the last sentence as follows: "The initial screening results show that the following discharges have RP to exceed the WQS for the designated uses in 20.6.4.126 and 20.6.4.128:"
7	General Comment	Part II.B	Please revise the list of pollutants for which 24-hour oral reporting is required to reflect only those that have a permit limit. Those that have monitoring "report only" requirements should be deleted and include the following: - Adjusted Gross Alpha

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
			- Chromium VI (see comments on Outfall 03A160)
8	General Comment	Part II, Section F	Please add the following test methods for radiological analysis. These methods are not currently listed in 40 CFR 136.3: • EPA 900/SW846 9310 – Gross Alpha and Gross Beta • EPA 900_CALC – Adjusted Gross Alpha • EPA 903.1 – Radium 226 • EPA 904 – Radium 228 • EPA 905 – Strontium 90 • EPA 906 - Tritium • HASL 300 – Isotopic Radiological Data (e.g., Am-241, Pu238, Pu239, Pu240,U234, U238)
9	General Comment	Part I.A and Part II, Section H	Please revise the WET test sampling requirements for Outfall 051 and 05A055 for the following reasons: - Outfall 051 and 05A055 are discharged from a mixed tank in batches. The samples cannot be collected as a 3-hour composite sample. They are collected as a grab sample from the recirculation line as the tank is discharged to the outfall. The tank is mixed and the grab sample is representative of the contents. - A sample to provide fresh effluent for the 24-hour renewal step of the WET test cannot be collected on a separate day because effluent is discharged to the outfall as a batch operation instead of a continuous flow. [See Comment Nos. 58, 66, 91)
10	Outfall 001	Part I.A, Page 1	Please revise the outfall description to be consistent with the 2019 Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018), Supplemental Information Package 1 (Ref. EPC-DO-19-299), and Notices of Change (Ref. Enclosure 6): "During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted) the permittee is authorized to discharge cooling tower blowdown, boiler blowdown, demineralizer backwash, RO reject and once through cooling water from the Power Plant; treated sanitary effluent from the Sanitary Wastewater System (SWWS) Facility; recycled sanitary effluent from the Sanitary Effluent Reclamation Facility (SERF), and treated cooling tower blowdown from the Strategic Computing Complex (SCC) to Sandia Canyon in Segment Number 20.6.4.126 of the Rio Grande Basin. The discharge from this outfall creates a perennial portion of Sandia Canyon that is effluent dominated."
11	Outfall 001	Part I.A, Page 1	Please delete the requirement to monitor for Total Recoverable Aluminum at Outfall 001. Total Recoverable Aluminum was not detected in the effluent (Ref. ESHQSS-19-018) and the RP Analysis was negative. [See Comment No. 3]

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
12	Outfall 001	Part I.A, Page 1	A PCB sample was collected from Outfall 001 in May 2019 and analyzed using the Congener Method as required by the permit. The result from that sample was 0 ug/L for Total PCBs as reported in the September 2019 Discharge Monitoring Report (Ref. EPC-DO-19-394). Please change the permit requirement for PCBs at Outfall 001 to monitoring and "report only". If the PCB limit is continued in the permit, then revise the analytical method to include the Arohlor Method 8082 for monitoring and reporting consistent with 40 CFR 136. [See Comment No. 1]
13	Outfall 001	Part I.A, Page 2 and Fact Sheet, Page 18	Pease correct the fact sheet to match the draft permit Part I.A. The Fact Sheet states that 7-day chronic test required for *Pimephales promelas* will be performed at a frequency of 1/year. The draft permit Part I.A says the frequency is 1/5-years.
14	Outfall 001	Fact Sheet, Page 4	Please revise the outfall description to be consistent with the 2019 Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018), Supplemental Information Package 1 (Ref. EPC-DO-19-299), and Notices of Change (Ref. Enclosure 6). [See Comment No. 11]
15	Outfall 001	Fact Sheet, Page 4, 3rd Sentence	Please revise to be consistent with the 2019 Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018), Supplemental Information Package 1 (Ref. EPC-DO-19-299), and Notices of Change (Ref. Enclosure 6) as follows: "Disinfected water from the SWWS facility is pumped to the Reuse Tank and is dechlorinated ....."
16	Outfall 001	Fact Sheet, Page 4	Please revise the long-term average flow rate/volume used in the text and RP analysis to be consistent with the Notice of Change submitted to the EPA on November 27, 2019 (Ref. Enclosure 6). The revised long term average flow rate/volume is: - Long Term Average: 310,595 GPD (365 days/year) [Ref. Enclosure 6]
17	Outfall 001	Fact Sheet, Page 5	Please revise the bullets to be consistent with the Notice of Change submitted to the EPA on November 27, 2019 (Ref. Enclosure 6) as follows: - The SCC is currently adding 5 more cooling towers to its cooling system. These towers will utilize the existing water treatment system and makeup water supply and will increase the long-term average discharge volume to Outfall 001. - A Power Plant renovation will resume co-generation power/steam operations and this will increase the long-term average volume of water discharge to Outfall 001. The renovation will include the discharge of reverse osmosis concentrate, deminerlizer regeneration, steam condensate blowdown, boiler blowdown, and cooling tower blowdown to Outfall 001 either directly or indirectly after it has been treated at the SWWS facility.

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
18	Outfall 001	Fact Sheet, Page 11	Revise volume/flow rate in the text and RP analysis to be consistent with Notice of Change submitted to the EPA on November 27, 2019 (Ref. Enclosure 6). - Long Term Average: 310,595 GPD (365 days/year) [Ref. Enclosure 6]
19	Outfall 001	Section VI CWA 303(d) Impaired Water	Outfall 001 discharges to Sandia Canyon [NMAC 20.4.6.126], which is impaired for Temperature, Total Recoverable Aluminum, Dissolved Copper, PCB, and Adjusted Gross Alpha. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 001 due to impaired waters. [See Comment No. 3]
20	Outfall 001	RP Analysis Page 3	The Permit Re-Application Form 2C (Ref. ESHQSS-19-018) provided a Total Chromium value of <3 ug/L. This value was below the MDL of 3 ug/L and the EPA MQL of 10 ug/L. Please correct the RP Analysis to indicate that Dissolved Chromium (including Cr III and Cr VI) were not detected in the effluent.
21	Outfall 001	RP Analysis Page 2/3	The RP Analysis did not provide a calculation for dissolved copper and it is unclear what the source of the number used for dissolved copper is. The long-term average for dissolved copper from the DMR summary provided with the 2019 Permit Re-Application is 3.7 ug/L (Ref. ESHQSS-19-018). The calculated value using the spreadsheet and the Total Copper concentration of 5.45 ug/L that was provided on the Permit Re-Application Form 2C (Ref. ESHQSS-19-018) is 2.429667405 ug/L. Both of these values are different that the concentration used in the RP Analysis (2.945 ug/L). Please clarify and/or correct.
22	Outfall 13S	Part I.A, Page 4	Please revise the description to be consistent with the 2019 Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299) as follows: "During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated sanitary wastewater effluent from the Sanitary Wastewater System (SWWS) Facility to Canada del Buey in Segment Number 20.6.4.128 of the Rio Grande Basin. The discharge may also be routed to Outfall 001 in Sandia Canyon in Segment Number 20.6.4.126 of the Rio Grande Basin to support reuse/recycle. Such discharges shall be limited and monitored by the permittee as specified below: (Monitoring and reporting are not required at 13S if the effluent is reused/recycle or discharged to Outfall 001)."
23	Outfall 13S	Part I.A, Page 5, Footnote 3	Please clarify footnote 3 to be consistent with the 2019 Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299) as follows:

Triad National Security, LLC (Triad) Comments on the Draft LANL Industrial and Sanitary Wastewater NPDES Permit No. NM0028355 Published for Public Comment on November 30, 2019			
No.	**Outfall No**	**Document Location**	**Comment**
			"If the wastewater is discharged directly to Outfall 001, as effluent from the SERF facility to Outfall 001, or as reused/recycled blowdown from the SCC Cooling towers to Outfall 001 or 03A027, it shall comply with effluent limitations and monitoring requirements for PCBs as established for Outfall 13S."
24	Outfall 13S	Part I.A, Page 5, Footnote 4	Please clarify footnote 4 as follows: "The limit is based on the human health-organism only" based water quality standard."
25	Outfall 13S and 001	Fact Sheet, Section V.C	Please clarify that this facility's discharges qualify as Minor (sanitary waste discharge with flow over 0.1 MGD but less than 1.0 MGD) and replace Part IV Instructions to Permittees Major – Sewage Sludge Requirements with Part IV Instructions to Permittees Minor – Sewage Sludge Requirements.
26	Outfall 13S and 001	Part IV	Part IV currently provides instructions for a Major – Sewage Sludge Requirements. The SWWS facility associated with Outfall 13S and 001 is a Minor. Please correct Part IV to provide the Minor – Sewage Sludge Requirements.
27	Outfall 13S	Section VI CWA 303(d) Impaired Water	Outfall 13S discharges to Canada del Buey [NMAC 20.4.6.128], which is impaired for PCBs and Adjusted Gross Alpha. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 13S due to impaired waters. [See Comment No. 3]
28	03A027	Part I.A, Page 16	Please revise the description to be consistent with the Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299) as follows: "During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge cooling tower blowdown to Sandia Canyon, in Segment number 20.6.4.126 of the Rio Grande Basin."
29	03A027	Part I.A, Page 17, Footnote 2	Effluent from Outfall 13S is not rerouted directly to Outfall 03A027. Suggest revising the footnote to say the following: "Effluent limitations and monitoring requirements only apply when SWWS effluent treated at the SERF; used as makeup water in the SCC Cooling Towers; and discharged as blowdown to Outfall 03A027."
30	03A027	Part I.A, Page 17, Footnote 5	Please delete this footnote. Outfall 03A027 does not have a continuous 6T3 recorder for temperature. A grab sample for temperature will be collected.

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No.	**Outfall No**	**Document Location**	**Comment**
31	03A027	Fact Sheet, Page 5	Please revise the following sentence: "If discharges occur, the potential average flow rate is 0.051 MGD and the daily maximum flow is 0.105 MGD. Outfall 03A027 did not discharge from September 2016 through May 2019, so older monitoring data was submitted." The sentence should say, "Outfall 03A027 effluent is currently routed to Outfall 001 and has not discharged since September 2016. If discharges occur, the potential average flow rate is 0.051 MGD and the daily maximum flow is 0.105 MGD. An operational sample was collected from the cooling tower blowdown to provide data for the permit application and this data was used in the RP analysis."
32	03A027	Fact Sheet, Page 5, 3rd paragraph, 3rd sentence	Please revise the description for Outfall 03A027 as follows: "Blowdown from the SCC Cooling Towers may be routed to Outfall 03A027, Outfall 001, SERF or the SWWS as needed to allow for water recycling, construction, and or maintenance activities."
33	03A027	Section VI CWA 303(d) Impaired Water	Outfall 03A027 discharges to Sandia Canyon [NMAC 20.4.6.126], which is impaired for Temperature, Total Recoverable Aluminum, Dissolved Copper, PCB, and Adjusted Gross Alpha. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 03A027 due to impaired waters. [See Comment No. 3]
34	03A027	RP Analysis Page 1	The average temperature used in the RP Analysis (23 °C) does not match the Permit Re-Application Form 2C. Please revise to 22.8°C.
35	03A027	RP Analysis Page 2	The RP Analysis did not provide a calculation for dissolved copper. The Permit Re-Application Form 2C indicated a detected concentration of total copper in the effluent of 16.3 ug/L. Based on the RP calculation the dissolved concentration should be 7.2667 ug/L. Please correct.
36	03A027	RP Analysis Page 3	The RP Analysis currently uses a dissolved copper concentration of 13.57 ug/L. The dissolved copper concentration should be 7.2667 ug/L based upon the total copper concentration of 16.3 ug/L provided on the Permit Application Form 2C. Please correct or clarify why different data was used.
37	03A027	RP Analysis Page 4	The Permit Re-Application Form 2C for Outfall 03A027 (ESHQSS-19-018) indicates that bromoform, chlorodibromomethane, chloroform, and dichlorobromomethane were not detected above the MDL and the EPA MQL. Please delete the effluent data that was used in the RP Analysis for these potential pollutants.
38	03A199	Part I.A, Page 22	Please delete "and other wastewater" from the description to be consistent with the 2019 Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299). This outfall discharges only treated cooling tower blowdown to the outfall.

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No.	**Outfall No**	**Document Location**	**Comment**
39	03A199	Part I.A, Page 22	Please clarify why the draft permit includes a requirement to monitor Temperature (1/Quarter) at Outfall 03A199. This outfall converges with Sandia Canyon downstream of Outfall 001 and 03A027. [Related to Comment No.2]
40	03A199	Part I.A Page 22	Please delete the requirement to monitor for Total Recoverable Aluminum at Outfall 03A199. Total Recoverable Aluminum was not detected in the effluent (Ref. ESHQSS-19-018) and the RP Analysis was negative. [See Comment No. 3]
41	03A199	Part I.A Page 22	Please delete the permit limit for copper. The RP Analysis does not indicate RP for copper at Outfall 03A199. [See Comment No. 3]
42	03A199	Part I.A, Page 22	Please delete the permit limit for zinc. The RP Analysis does not indicate RP for zinc at Outfall 03A199. [See Comment No. 3]
43	03A199	Part I.A, Page 23, Footnote 4	Please delete this footnote. Outfall 03A199 does not have a continuous 6T3 recorder for temperature. The temperature will be collected as a grab sample.
45	03A199	Fact Sheet, Page 11	Please revise the following sentence so that it references 20.6.4.126 instead of 20.6.4.128: "However, because the discharge at Outfall 03A199 is to a storm water drain prior to reaching Sandia Canyon, an additional RP was conducted against WQS for 20.6.4.126 waterbody."
46	03A199	Fact Sheet Page 14, 1st paragraph	Please revise the last 2 sentences of this paragraph as follows: "EPA proposes to establish copper and zinc limits at Outfall 03A199. In addition, the EPA proposes to establish monitoring requirements and limits for copper, zinc, and PCBs at Outfall 03A027 if effluent is discharged to the outfall. Currently, Outfall 03A027 does not discharge because its effluent is routed to Outfall 001."
47	03A199	Fact Sheet, Page 14, 4th paragraph	Please delete the 4th paragraph. The 2019 Permit Re-Application Form 2C [Ref. ESHQSS-19-018] for Outfall 03A199 indicates that selenium and cyanide were not detected above the MDL and the EPA MQL. The RP Analysis was also negative for selenium and cyanide.
48	03A199	Section VI CWA 303(d) Impaired Water	Outfall 03A199 discharges to Sandia Canyon [NMAC 20.4.6.126], which is impaired for Temperature, Total Recoverable Aluminum, Dissolved Copper, PCB, and Adjusted Gross Alpha. Please revise the permit requirements in Section I.A and Section VI to reflect methodology/approach used to assign permit requirements to Outfall 03A199 due to impaired waters. [See Comment No. 3]

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No.	**Outfall No**	**Document Location**	**Comment**
49	03A199	RP Analysis, Page 1	Please revise the stream segment to 20.6.4.126. [Ref. ESHQSS-19-018]
50	03A199	RP Analysis, Page 1	Please correct the RP Analysis. The notes next to TSS, Hardness and long-term flow indicate the data is for Outfall 001. The data is actually for Outfall 03A199.
51	03A199	RP Analysis, Page 2	The RP Analysis did not calculate a concentration for dissolved copper. The 2019 Permit Re-Application Form 2C (Ref. ESHQSS-19-018] indicated a detected concentration of total copper in the effluent of 3.15 ug/L. Based on the RP calculation the dissolved concentration should be 1.45999395 ug/L. Please correct.
52	03A199	RP Analysis, Page 3	The RP Analysis currently uses a dissolved copper concentration of 1.845 ug/L. The dissolved copper concentration should be 1.459 ug/L based upon the total copper concentration of 3.15 ug/L provided on the Permit Application Form 2C. Please correct.
53	03A199	RP Analysis, Page 5	The RP analysis includes an effluent concentration for phenol of 3.36 ug/L. The 2019 Permit Application Form 2C indicates that phenol was less than the MDL and the EPA MQL. Please correct the RP Analysis.
54	03A199	RP Analysis, General	The table provided on Page 12 of the fact sheet includes data for RP analysis at the outfall point of discharge and when it converges with the existing stream generated by Outfall 001/03A027. The RP calculation at the convergence was not provided for review. Please clarify.
55	Outfall 051	Part I.A, Page 6	Please revise the outfall description to be consistent with the 2019 Permit Re-Application (Ref. ESHQSS-19-018) and Supplemental Package 2 (Ref. EPC-DO-19-301) as follows: "During the period beginning the effective date of the permit and last through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharged treated effluent from the Radioactive Liquid Waste Treatment Facility (RLWTF) to Mortandad Canyon in Segment number 20.6.4.128 of the Rio Grande Basin."
56	Outfall 051	Part I.A, Page 6	The Copper limit (5 ug/L) provided for Outfall 051 is the calculated limit using a hardness of 50 mg/L for Chronic Aquatic Life. Outfall 051 discharges to Mortandad Canyon (NMAC 20.6.4.128). NMAC 20.6.4.128 has a designated use of limited aquatic life, therefore, the chronic aquatic life criteria does not apply (NMAC 20.6.4.900.H.7). Please revise the permit limit to the calculated Acute Aquatic Life limit of 7 ug/L (applicable under NMAC 20.6.4.900.7), which is the calculated limit at 50 mg/L hardness.
57	Outfall 051	Part I.A, Page 7	Please revise the WET test sampling requirements for Outfall 051 for the following reasons: - Outfall 051 is discharged from a mixed tank in batches. The samples cannot be collected as a 3-hour composite sample. It can be collected as a grab sample from the recirculation line as the tank is discharged to the outfall. The tank is mixed and the grab sample is representative of the contents.

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No.	**Outfall No**	**Document Location**	**Comment**
			- A sample to provide fresh effluent for the 24-hour renewal step of the WET test cannot be collected on a separate day because effluent is discharged to the outfall as a batch operation instead of a continuous flow. [See Comment No. 9]
58	Outfall 051	Fact Sheet, Page 7	Please delete the following sentence: "The facility has a mechanical evaporation system and Outfall 051 has not discharged since 2014 (Note: Discharges to the outfall were performed on June 18, 2019, March 10, 2020, and August 18, 2020)." The sentence is no longer applicable.
59	Outfall 051	Fact Sheet, Page 9	The technology based effluent limits discussed on page 5 of the fact sheet include Total Chromium and Total lead, however, the limits were not added to the Part I.A requirements. The RP analysis for chromium and lead indicate that there is no reasonable potential for these metals in the effluent. Please provide a footnote to this section indicating that the negative RP is the justification for NOT assigning an effluent limit to the permit.
60	Outfall 051	Fact Sheet, Page 12	The draft permit Part I.A, fact sheet, and RP analysis utilize three different hardness values for Outfall 051. - Part I.A – 50 mg/L hardness limit - Fact Sheet Table on Page 12 - is 17.3 mg/L - RP Analysis - 77.4 mg/L (from June 19, 2019 Effluent Discharge). Please clarify how hardness was used to determine the permit monitoring and/or limits provided in Part I.
61	Outfall 051	Fact Sheet, Page 12	LANL has performed additional analysis that includes data for Thallium at an MDL below the EPA MQL. An operational sample collected from RLWTF effluent on December 17, 2019 indicated that Thallium was not detected at a lower MDL of 0.051 ug/L. This MDL is lower than the EPA MQL of 0.5 ug/L. Please do not add a monitoring requirement for Thallium for Outfall 051. [See Enclosure 2]
62	Outfall 051	Fact Sheet, Page 12	LANL performed additional analysis that includes data for Mercury at an MDL below the EPA MQL. The operational sample collected from the effluent on December 17, 2019 shows a value of 0.0021 ug/L Mercury with a revised MDL of 0.0003 ug/L. Please clarify. [See Enclosure 2]
63	Outfall 051	Fact Sheet, Page 14, last paragraph	Please delete the first sentence "The effluent is evaporated through a mechanical evaporator and has not discharge since November 2010." Outfall 051 received a discharges on June 18, 2019; March 10, 2020; and August 18, 2020.

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No.	**Outfall No**	**Document Location**	**Comment**
64	Outfall 051	Fact Sheet, Page 15	It appears that the limits provided in Part I.A were not adjusted to reflect the revised analytical results from June 2019. The permit requires a minimum hardness of 50 mg/L. The calculated Acute Aquatic Life limit at that hardness is 7.0 mg/L (NMAC 20.6.4.900.J.1. The RP Analysis used the hardness (77.4 mg/L) from Supplemental Data Package 2 (Ref. EPC-DO-19-301). The calculated Acute Aquatic Life limit at the RP Analysis hardness is 10.6 mg/L. Please clarify what data was used to determine the copper limit provided Part I.A.
65	Outfall 051	Fact Sheet, Page 18	Please revise the following requirement: "Since the flow from this outfall is intermittent, a 3-hour composite rather than a 24-hour composite sample is established because the discharge is intermittent. The term "3-hour composite sample" means a sample consisting of a minimum of one (1) aliquot of effluent collected at a one-hour interval over a period of up to 3-hour discharge." The revision is appropriate due to the following reasons: - Outfall 051 is discharged from a mixed tank in batches. The samples cannot be collected as a 3-hour composite sample. It can be collected as a grab sample from the recirculation line as the tank is discharged to the outfall. The tank is mixed and the grab sample is representative of the contents. A sample to provide fresh effluent for the 24-hour renewal step of the WET test cannot be collected on a separate day because effluent is discharged to the outfall as a batch operation instead of a continuous flow. [See Comment No. 9]
66	Outfall 051	RP Analysis, Page 3	Please revise the RP analysis to include the dissolved Manganese result provided in Supplemental Package 2 submitted on August 19, 2019 (Ref. EPA-DO-19-301).
67	Outfall 051	RP Analysis, Page 4	Please update the RP Analysis with the Low MDL Mercury and Thallium results provided above and in the attached analytical reports. [See Comment No. 60 and 61]
68	Outfall 051	RP Analysis, Page 4	The effluent concentration data provided for Total and Dissolved Molybdenum was not updated to the data provided in Supplemental Package 2 submitted on August 19, 2019 (Ref. EPA-DO-19-301). Supplemental package 2 provides the analytical data collected from the discharge to Outfall 051 that was performed on June 18, 2019. Please revise.

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No.	**Outfall No**	**Document Location**	**Comment**
69	051	Section VI CWA 303(d) Impaired Water	Outfall 051 discharges to Mortandad Canyon [NMAC 20.6.4.128] impaired for Dissolved Copper, PCBs, Adjusted Gross Alpha, and Total Mercury. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 051 due to impaired waters. [See Comment No. 3]
70	03A181	Part I.A, Page 12	Please revise the description to be consistent with the Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299) as follows: "During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated cooling tower blowdown to Mortandad Canyon, in Segment number 20.6.4.128."
71	03A181	Fact Sheet Page 6, 3rd Paragraph	Please delete the last two sentences. The project to route the cooling tower blowdown to the Reuse tank has been cancelled.
72	03A181	Section VI CWA 303(d) Impaired Water	Outfall 03A181 discharges to Mortandad Canyon [NMAC 20.6.4.128] impaired for Dissolved Copper, PCBs, Adjusted Gross Alpha, and Total Mercury. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 03A181 due to impaired waters. [See Comment No. 3]
73	03A181	Part I.A, Page 12	LANL has performed additional analysis that includes data for a dissolved Chromium VI. An effluent sample was collected from the Outfall on March 4, 2020. The result indicated that Chromium VI was not detected below the MDL of 3 ug/L. Please delete the requirement to monitor for Chromium VI at Outfall 03A181. [See Enclosure 3]
74	03A048	Part I.A, Page 18	Please delete "and other wastewater" from the description to be consistent with the Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299). This outfall only discharges treated cooling tower blowdown to the outfall.
75	03A048	Part I.A Page 14 and Fact Sheet Page 14 and Page 20	There is an inconsistency regarding when the requirement to monitor for "impaired water" contaminates is applied to each outfall. The impairments were not added to Part I.A for Outfall 03A048 but were added to Outfall 03A113 regardless of whether the RP Analysis was negative. Please clarify. [See Comment No. 3]

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No.	**Outfall No**	**Document Location**	**Comment**
76	03A048	Section VI CWA 303(d) Impaired Water	Outfall 03A048 discharges to Los Alamos Canyon [NMAC 20.6.4.128] impaired for PCBs, Total Recoverable Cyanide, Total Recoverable Selenium, Adjusted Gross Alpha, and Total Mercury. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 03A048 due to impaired waters. [See Comment No. 3]
77	03A113	Part I.A, Page 14	Please delete "and other wastewater" from the description to be consistent with the Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299). This outfall only discharges treated cooling tower blowdown that can be isolated for sampling at the outfall prior to comingling with storm water.
78	03A113	Part I.A, Page 14	The description does not include the discharge of storm water. This is inconsistent with Page 5 of the Fact sheet. Please revise the description to include stormwater.
79	03A113	Fact Sheet, Page 14 and Page 20	There is a conflict between Part I.A, Page 14, and Page 20 regarding the inclusion of Total Recoverable Aluminum, Total Mercury, and Adjusted Gross Alpha. The fact sheet indicates that Total Recoverable Aluminum and Adjusted Gross Alpha are proposed to be removed from the permit for this outfall. This appears to be inconsistent with Section VI on Page 20, which indicates that Total Recoverable Aluminum, mercury, and Adjusted Gross Alpha are included due to impaired waters. If there is no reasonable potential and the waste stream is not variable (i.e., single routine source) does the requirement to sample and report due to impaired waters need to be included? Please clarify or remove the requirement to sample and report. [See Comment No. 3]
80	03A113	Section VI CWA 303(d) Impaired Water	Outfall 03A113 discharges to Sandia Canyon [NMAC 20.6.4.128] impaired for PCBs, Total Recoverable Aluminum, Adjusted Gross Alpha, and Total Mercury. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 03A113 due to impaired waters. [See Comment No. 3]
81	03A113	RP Analysis	The RP Analysis indicates that there is RP for Copper at this outfall. Is there a reason it was not included in the Part I.A for Outfall 03A113? [See Comment No. 3]

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No.	**Outfall No**	**Document Location**	**Comment**
82	03A022	Part I.A, Page 10	Please revise the outfall description to be more consistent the Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299) as follows: "During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge storm water from roof drains, once through cooling water, and once-through cooling water from emergency use only to Mortandad Canyon, in segment number 20.6.4.128 of the Rio Grande Basin. (Cooling tower blowdown is not authorized for discharge at this outfall.)"
83	03A022	Fact Sheet, Page 9	Please delete the ELGs for a Type Outfall 04A from the draft permit. The Outfall 04A022 has been renamed 03A022 and there are no longer any 04A outfalls at LANL.
84	03A022	Fact Sheet, Page 14, 6th paragraph	This paragraph states, "....WQ based effluent limitations and monitoring requirements (total recoverable aluminum, dissolved copper, and gross alpha, except for TRC as described above) in the current permit are proposed to be removed from these outfalls." Part I.A retains the requirement to monitor for copper. Please clarify.
85	03A022	Section VI CWA 303(d) Impaired Water	Outfall 03A022 discharges to Mortandad Canyon [NMAC 20.6.4.128] impaired for Dissolved Copper, PCBs, Adjusted Gross Alpha, and Total Mercury. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 03A022 due to impaired waters. [See Comment No. 3]
86	03A160	Part I.A, Page 20	Please delete "and other wastewater" from the description to be consistent with the Permit Re-Application Fact Sheet (Ref. ESHQSS-19-018) and Supplemental Information Package 1 (Ref. EPC-DO-19-299). This outfall only discharges treated cooling tower blowdown to the outfall (Ref. ESHQSS-19-018).
87	03A160	Part I. A, Page 20 and RP Analysis	The data provided for the NPDES Permit application was old data from blowdown operations to the outfall prior to routing it to SWWS and prior to the installation and startup of the new wastewater treatment system outlined in a Notice of Change provided in Supplemental Information Package No. 3 (Ref. EPC-DO-19-302). New data from the cooling tower blowdown was provided for the Waste Stream Profile (WSP) to the SWWS Facility. The following bullets provide new data for three potential pollutants: • These results showed a ND for Se using the SW846 Method at an MDL of 2.0 ug/L. This is below the EPA MQL of 5 ug/L. Please consider removing the requirements for Selenium from the permit. • These results showed an ND for Cyanide using the EPA Method at an MDL of 1.67 ug/L. This is below the EPA MQL of 10 ug/L. Please consider removing the requirements for Cyanide from the permit. • These results showed a lower Total Chromium concentration 6.15 ug/L using the SW 846 Method. The EPA MQL for Total Chromium is 10 ug/L. Please consider removing the requirements for Chromium VI from the permit.

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No.	**Outfall No**	**Document Location**	**Comment**
			Please revise the RP analysis and permit limits/requirements based upon the data provided in the bullets above. [See Enclosure 4]
88	03A160	Fact Sheet Page 6	Please delete the last sentence. The notice of change for the water treatment system was submitted to the EPA on June 12, 2019 and was provided in Supplemental Package No. 3 (Ref. EPC-DO-19-302).
89	03A160	Section VI CWA 303(d) Impaired Water	Outfall 160 discharges to Ten Site Canyon [NMAC 20.6.4.128] impaired for PCBs and Adjusted Gross Alpha. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 03A160 due to impaired waters. [See Comment No. 3]
90	05A055	Part I.A, Page 9	Please revise the WET test sampling requirements for 05A055 for the following reasons: - Outfall 05A055 is discharged from a mixed tank in batches. The sample cannot be collected as a 3-hour composite sample. It can be collected as a grab sample from the recirculation line as the tank is discharged to the outfall. The tank is mixed and the grab sample is representative of the contents. [See Comment No. 9]
91	05A055	Fact Sheet Page 7, 1st Paragraph	Please revise the first line to the following: "…tanks, and facilities at TA-9, TA-11, and TA-16. The average…." A waste stream profile for water from TA-11 was approved after the permit application was submitted to the EPA.
92	05A055	Fact Sheet Page 7, 1st Paragraph	Please clarify the last sentence to indicate that the operational sampling data was used in the RP analysis as follows: "Operational samples were submitted for analytical testing and those results were used in the RP Analysis."
93	05A055	Fact Sheet, Page 15, 2nd paragraph	Please revise this paragraph to the following: "There has been no discharge from the High Explosive Wastewater Treatment Facility (HEWTF) at Outfall 05A055 since November 2007. Normal operations since November 2007 have discharged effluent to an electric evaporator. The applicant intends to continue to operate the HEWTF using the evaporator except under abnormal conditions (i.e., maintenance or malfunction of the evaporator) or to ensure operability of the discharge equipment. There is RP for……." The HEWTF did not resume discharges to Outfall 05A055 in the fall of 2019.

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No.	**Outfall No**	**Document Location**	**Comment**
94	05A055	Section VI CWA 303(d) Impaired Water	Outfall 05A055 discharges to Canon de Valle [NAMC 20.6.4.128] impaired for Adjusted Gross Alpha. Please revise the permit requirements in Section I.A and Section VI to reflect the methodology/approach used to assign permit requirements to Outfall 05A055 due to impaired waters. [See Comment No. 3]
95	Outfall 051	RP Analysis, General	Additional analysis has been performed for Outfall 051 using samples that were collected from three RLWTF effluent discharges (June 2019, March 2020, and August 2020) that occurred after the 2019 Permit Reapplication was submitted. Enclosure 5 provides the analytical data. Please revise the RP analysis to include this analytical data.
96	Outfall 001	Fact Sheet & RP Analysis	There have been two Notice of Planned Change submitted for Outfall 001 since the Draft permit was issued in November 2019. Please see Enclosure 6 for the details and revise the fact sheet and RP analysis.
97	Outfall 03A048	Fact Sheet	There has been one Notice of Planned Change submitted for Outfall 03A048 since the Draft permit was issued in November 2019. Please see Enclosure 7 for the details and revise the fact sheet.

ENCLOSURE 2

Supplemental Analytical Data for Outfall 051 – Low MDL Mercury and Thallium

EPC-DO: 20-096

LA-UR-20-21143

OCT 28 2020

Date:_____

Supplemental Analytical Data for Outfall 051

Location	Sample ID	Sample Date	Method	Parameter	Filtered	Result	Units	Qualifier	COC	MDL	EPA MQL	Comment No.
NPDES Outfall 051	NP051-20-191716	12/17/2019	EPA 200.8	Thallium	N	0.0510	ug/L	U	2020-0013	0.0510	0.5000	Comment No. 61
NPDES Outfall 051	NP051-20-191717	12/17/2019	EPA M1631	Mercury	N	0.0021	ug/L		2020-0014	0.0003	0.0050	Comment No. 62

U = Not Detected above the MDL.

ENCLOSURE 5

Supplemental Analytical Data for Outfall 051 from Discharges June 2019, March 2020, and August 2020

EPC-DO: 20-096

LA-UR-20-21143

Date: OCT 28 2020

Form 2C Crosswalk to the Effluent Data from the Outfall 051 Discharges [June 2019, March 2020, August 2020)

OUTFALL No.	TA - Bldg.	Form Sec No.	Parameter
051	TA50-1	V.A.1 f	Flow (Totalized Est.) [a]
051	TA50-1	V.A.1 g	Temperature (Summer)
051	TA50-1	V.A.1 h	Temperature (Winter)
			Hardness

EFFLUENT				
Max Daily	Max 30 Day average	Long Term Daily Average	No. Analysis	UNITS
0.021345	0.021345	0.015936	3	MGD
24.0			est.	C
20.0			est.	C
83.8	83.8	75.2	4	mg/L

a. Based upon the volume discharged to Outfall 051 in June 2019, March 2020, and August 2020.

Daily Max = maximum daily value over the time period.

Max 30 Day Average = Maximum of the monthly averages over the time period.

Long Term Average = average over all daily values over the time period.

OUTFALL No.	TA - Bldg.	Form Sec No.	Parameter
051	TA50-1	V.A.1 i	pH

Maximum Daily Value		Maximum 30 Day Value		UNITS	
Min	Max	Min	Max	No. Analysis	Units
7.2	8.1			3	S.U.

OUTFALL No.	TA - Bldg.	Form Sec No.	Parameter	CAS ID No.	Analysis	Max Daily		Max 30 Day Value		Long Term Average		UNITS			EPA MQL	Comments [a,b]
						Conc	Mass	Conc	Mass	Conc	Mass	No. Analysis	Conc.	Mass		
051	TA50-1	A.1.a	BOD	NA	Gen Chem	<1.0						1	mg/L	lbs		Comment No. 95
051	TA50-1	A.1.b	COD	NA	Gen Chem	15.5	2.76E+00					3	mg/L	lbs		Comment No. 95
051	TA50-1	A.1.c	TOC	NA	Gen Chem	<0.66						1	mg/L	lbs		Comment No. 95
051	TA50-1	A.1.d	TSS	NA	Gen Chem	1.60	2.85E-01					3	mg/L	lbs		Comment No. 95
051	TA50-1	A.1.e	Ammonia (as N)	NA	Gen Chem	1.17	2.08E-01					1	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.a	Bromide	24959-67-9	Gen Chem	<0.067						1	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.b	Total Residual Chlorine	NA	Field	0	0.00E+00					3	mg/L	lbs	33	Comment No. 95
051	TA50-1	B.1.c	Color	NA	Gen Chem	<5.0						1	PCU	NA		Comment No. 95
051	TA50-1	B.1.d	E.Coli	NA	Gen Chem	<1						1	cfu/100 mL	NA		Comment No. 95
051	TA50-1	B.1.e	Fluoride	16984-48-8	Gen Chem	0.134	2.39E-02	0.1340	2.39E-02	0.1233	1.64E-02	4	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.f	Nitrate-Nitrite	NA	Gen Chem	7.63	1.36E+00	7.4950	1.34E+00	4.0425	5.38E-01	4	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.g	Total Organic Nitrogen (TKN)		Gen Chem	1.69	3.01E-01	1.5900	2.83E-01	1.2043	1.60E-01	4	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.h	Oil and Grease		Gen Chem	<1.41						1	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.i	Phosphorus, Total	7723-14-0	Gen Chem	<0.02						1	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.j.1	Total Alpha	NA	Radiological	2.22						1	pCi/L	NA		Comment No. 95
051	TA50-1	B.1.j.2	Total Beta	NA	Radiological	14.5						1	pCi/L	NA		Comment No. 95
051	TA50-1	B.1.j.3	Total Radium	NA	Radiological	0.708						4	pCi/L	NA		Comment No. 95
051	TA50-1	B.1.j.4	Radium 226	NA	Radiological	0.384						6	pCi/L	NA		Comment No. 95
051	TA50-1	B.1.k	Sulfate	14808-79-8	Gen Chem	7.04	1.25E+00	7.0200	1.25E+00	5.1273	6.82E-01	4	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.l	Sulfide		Gen Chem	<0.033						1	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.m	Sulfite	14265-45-3	Field	0	0.00E+00					1	mg/L			Comment No. 95
051	TA50-1	B.1.n	Surfactants		Gen Chem	0.0395	7.04E-03					1	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.o	Aluminum	7429-90-5	Metals	<19.3						3	ug/L	lbs	2.5	Comment No. 95
051	TA50-1	B.1.p	Barium	7440-39-3	Metals	1.87	3.33E-04	1.8700	3.33E-01	1.7133	2.28E-01	3	ug/L	lbs	100	Comment No. 95
051	TA50-1	B.1.q	Boron	7440-42-8	Metals	93.80	1.67E-02	93.8000	1.67E+01	90.8000	1.21E+01	3	ug/L	lbs	100	Comment No. 95
051	TA50-1	B.1.r	Cobalt	7440-48-4	Metals	1.00	1.78E-04	1	1.78E-01	0.9397	1.25E-01	3	ug/L	lbs	50	Comment No. 95
051	TA50-1	B.1.s	Iron	7439-89-6	Metals	46.40	8.27E-03	46.4	8.27E+00	45.3667	6.03E+00	3	ug/L	lbs		Comment No. 95
051	TA50-1	B.1.t	Magnesium	7439-95-4	Metals	13.3	2.37E+00	13.3000	2.37E+00	13.0500	1.74E+00	2	mg/L	lbs		Comment No. 95
051	TA50-1	B.1.u	Molybdenum	7439-98-7	Metals	<0.2						3	ug/L	lbs	10	Comment No. 95
051	TA50-1	B.1.v	Manganese	7439-96-5	Metals	21.40	3.81E-03	21.4	3.81E+00	20.8667	2.78E+00	3	ug/L	lbs		Comment No. 95
051	TA50-1	B.1.w	Tin	7440-31-5	Metals	<1.0						2	ug/L	lbs		Comment No. 95
051	TA50-1	B.1.x	Titanium	7440-32-6	Metals	<2.0						2	ug/L	lbs		Comment No. 95
051	TA50-1	C.1M	Antimony	7440-36-0	Metals	<1.0						3	ug/L	lbs	60	Comment No. 95
051	TA50-1	C.2M	Arsenic	7440-38-2	Metals	<2.0						3	ug/L	lbs	0.5	Comment No. 95
051	TA50-1	C.3M	Beryllium	7440-41-7	Metals	<0.2						3	ug/L	lbs	0.5	Comment No. 95
051	TA50-1	C.4M	Cadmium	7440-43-9	Metals	<0.3						4	ug/L	lbs	1	Comment No. 95
051	TA50-1	C.5M	Chromium	7440-47-3	Metals	<3.0						5	ug/L	lbs	10	Comment No. 95
051	TA50-1	C.6M	Copper	7440-50-8	Metals	11	1.96E-03	10.6000	1.89E+00	5.5167	7.34E-01	5	ug/L	lbs	0.5	Comment No. 95

Form 2C Crosswalk to the Effluent Data from the Outfall 051 Discharges [June 2019, March 2020, August 2020)

051	TA50-1	C.7M	Lead	7439-92-1	Metals	0.524	9.33E-05					5	ug/L	lbs	0.5	Comment No. 95
051	TA50-1	C.8M	Mercury	7439-97-6	Metals	<0.067						6	ug/L	lbs	0.005	Comment Nos. 61, 62, and 95
051	TA50-1	C.9M	Nickel	7440-02-0	Metals	6.59	1.17E-03	6.41	1.14E+00	6.1925	8.24E-01	4	ug/L	lbs	0.5	Comment No. 95
051	TA50-1	C.10M	Selenium	7782-49-2	Metals	<2.0						4	ug/L	lbs	5	Comment No. 95
051	TA50-1	C.11M	Silver	7440-22-4	Metals	<0.3						3	ug/L	lbs	0.5	Comment No. 95
051	TA50-1	C.12M	Thallium	7440-28-0	Metals	<0.6						3	ug/L	lbs	0.5	Comment Nos. 61, 62, and 95
051	TA50-1	C.13M	Zinc	7440-66-6	Metals	7.79	1.39E-03	7.2667	1.29E+00	7.2667	9.66E-01	5	ug/L	lbs	20	Comment No. 95
051	TA50-1	C.14M	Cyanide	57-12-5	Gen Chem	<0.00167						4	ug/L	lbs	10	Comment No. 95
051	TA50-1	C.15M	Total Phenols	NA	Gen Chem	<1.67						1	ug/L	lbs		Comment No. 95
051	TA50-1		Dioxin	1764-01-6	TCDD	<10.3						1	pg/L	lbs	10	Comment No. 95
051	TA50-1	1V	Acrolein	107-02-8	VOC	<1.67						3	ug/L	lbs	50.00	Comment No. 95
051	TA50-1	2V	Acrylonitrile	107-13-1	VOC	<1.67						3	ug/L	lbs	20.00	Comment No. 95
051	TA50-1	3V	Benzene	71-43-2	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	4V	Bis(chloromethyl) ether	542-88-1	VOC								ug/L	lbs		Remanded See 40 CFR Part 122, Appendix D
051	TA50-1	5V	Bromoform	75-25-2	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	6V	Carbon Tetrachloride	53-23-5	VOC	<0.333						3	ug/L	lbs	2.00	Comment No. 95
051	TA50-1	7V	Chlorobenzene	108-90-7	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	8V	Chlorodibromoethane (dibromochloromethane)	124-48-1	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	9V	Chloroethane	75-00-3	VOC	<0.333						3	ug/L	lbs		Comment No. 95
051	TA50-1	10V	2-Chloro-ethylvinyl Ether	110-75-8	VOC	<1.67						3	ug/L	lbs		Comment No. 95
051	TA50-1	11V	Chloroform	67-66-3	VOC	12.00	2.14E-03	12.0000	2.14E+00	5.0667	6.74E-01	3	ug/L	lbs		Comment No. 95
051	TA50-1	12V	Dichlorobromomethane (bromodichloromethane)	75-27-4	VOC	0.92	1.64E-04					3	ug/L	lbs		Comment No. 95
051	TA50-1	13V	Dichloro-difluoromethane	75-71-8									ug/L	lbs		Remanded See 40 CFR Part 122, Appendix D.
051	TA50-1	14V	1,1-Dichloroethane	75-34-3	VOC	<0.333						3	ug/L	lbs		Comment No. 95
051	TA50-1	15V	1,2-Dichloroethane	107-06-2	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	16V	1,1-Dichloroethylene	75-35-4	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	17V	1,2-Dichloropropane	78-87-5	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	18V	1,3-Dichloroprpropylene	542-75-6	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	19V	Ethylbenzene	100-41-4	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	20V	Methyl Bromide (bromomethane)	74-86-9	VOC	<0.337						3	ug/L	lbs	50.00	Comment No. 95
051	TA50-1	21V	Methyl Chloride (chloromethane)	74-87-3	VOC	<0.333						3	ug/L	lbs		Comment No. 95
051	TA50-1	22V	Methylene Chloride	75-09-02	VOC	5.07	9.03E-04					3	ug/L	lbs	20.00	Comment No. 95
051	TA50-1	23V	1,1,2,2-Tetrachloroethane	79-34-5	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	24V	Tetrachloroethylene	127-18-4	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	25V	Toluene	108-88-3	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	26V	1,2-Trans-Dichloroethylene	156-60-5	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	27V	1,1,1,-Trichloroethane	71-55-6	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	28V	1,1,2-Trichloroethane	79-00-5	VOC	<0.333						3	ug/L	lbs		Comment No. 95
051	TA50-1	29V	Trichloroethylene	79-01-6	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	30V	trichlorofluoromethane	75-69-4									ug/L	lbs		Remanded See 40 CFR Part 122, Appendix D.
051	TA50-1	31V	Vinyl Chloride	75-01-4	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	1A	2-Chlorophenol	95-57-8	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	2A	2,4-Dichlorophenol	120-67-9	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	3A	2,4-Dimehtylphenol	105-67-9	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	4A	4,6-Dinitro-O-Cresol (2-methyl-4,6-dinitrophenol)	534-52-1	SVOC	<3.0						3	ug/L	lbs	50.00	Comment No. 95
051	TA50-1	5A	2,4-Dinitrophenol	51-28-5	SVOC	<5.0						3	ug/L	lbs	50.00	Comment No. 95
051	TA50-1	6A	2-Nitrophenol	88-75-5	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	7A	4-Nitrophenol	100-02-7	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	8A	P-Chloro-M-Cresol (Chloro-3-methylphenol[4-])	59-50-7	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	9A	Pentachlorophenol	87-86-5	SVOC	<3.0						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	10A	Phenol	108-95-2	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	11A	2,4,6-Trichlorophenol	88-05-2	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	1B	Acenaphthene	83-32-9	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	2B	Acenaphtylene	208-96-8	SVOC	<0.3						3	ug/L	lbs		Comment No. 95
051	TA50-1	3B	Anthracene	120-12-7	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	4B	Benzidine	92-87-5	SVOC	<3.9						3	ug/L	lbs	50.00	Comment No. 95
051	TA50-1	5B	Benzo(a)Anthracene	56-55-3	SVOC	<0.3						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	6B	Benzo(a)Pyrene	50-32-8	SVOC	<0.3						3	ug/L	lbs	5.00	Comment No. 95

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051	TA50-1	7B	3,4-BenzoFluoranthene	205-99-2	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	8B	Benzo(ghi)Perylene	191-24-2	SVOC	<0.3						3	ug/L	lbs		Comment No. 95
051	TA50-1	9B	Benzo(k)Fluoranthene	207-08-9	SVOC	<0.3						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	10B	Bis((2-Chloro-ethoxy)methane	111-91-1	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	11B	Bis(2-Chloroethyl)ether	111-44-4	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	12B	Bis(2-Chloroisopropyl)ether (Oxybis(1-chloropropane)[2,2'-])	108-60-1	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	13B	Bis(2-ethyl-hexyl)Phthalate	117-81-7	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	14B	4-BromophenylPhenylEther	101-55-3	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	15B	ButylBenzylPhthalate	85-68-7	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	16B	2-Chloronaphthalene	91-58-7	SVOC	<0.410						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	17B	4-Chlorophenyl Phenyl Ether	7005-72-3	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	18B	Chrysene	218-01-9	SVOC	<0.3						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	19B	Dibenzo(a,h)Anthracene	53-70-3	SVOC	<0.3						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	20B	1,2-Dichlorobenzene	95-50-1	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	21B	1,3-Dichlorobenzene	541-73-1	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	22B	1,4-Dichlorobenzene	106-46-7	VOC	<0.333						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	23B	3,3-Dichlorobenzidine	91-94-1	SVOC	<3.0						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	24B	Diethylphthalate	84-66-2	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	25B	Dimethylphthalate	131-11-3	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	26B	Di-N-ButylPhthalate	84-74-2	SVOC	0.520	9.26E-05					3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	27B	2,4-DinitroToluene	121-14-2	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	28B	2,6-Dinitrotoluene	606-20-2	SVOC	<3.0						3	ug/L	lbs		Comment No. 95
051	TA50-1	29B	Di-N-Octyl Phthalate	117-84-0	SVOC	<0.3						3	ug/L	lbs		Comment No. 95
051	TA50-1	30B	1,2-Diphenylhydrazine	122-66-7	SVOC	<3.0						1	ug/L	lbs	20.00	Comment No. 95
051	TA50-1	31B	Fluoranthene	206-44-0	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	32B	Fluorene	86-73-7	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	33B	Hexachlorobenzene	118-74-1	SVOC	<3.0						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	34B	Hexachlorobutadiene	87-68-3	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	35B	Hexachlorocyclopentadiene	77-47-4	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	36B	Hexachloroethane	67-72-1	SVOC	<3.0						3	ug/L	lbs	20.00	Comment No. 95
051	TA50-1	37B	Indeno(1,2,3-cd)Pyrene	193-39-5	SVOC	<0.3						3	ug/L	lbs	5.00	Comment No. 95
051	TA50-1	38B	Isophorone	78-59-1	SVOC	<3.5						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	39B	Naphthalene	91-20-3	SVOC	<0.3						3	ug/L	lbs		Comment No. 95
051	TA50-1	40B	Nitrobenzene	98-95-3	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	41B	N-Nitrosodimethylamine	62-75-9	SVOC	0.02	3.30E-06					4	ug/L	lbs	50.00	Comment No. 95
051	TA50-1	42B	N-Nitrosodi-N-Propylamine	621-64-7	SVOC	<0.00018						4	ug/L	lbs	20.00	Comment No. 95
051	TA50-1	43B	N-Nitrosodiphenylamine (reported as diphenylamine)	86-30-6	SVOC	<3.0						3	ug/L	lbs	20.00	Comment No. 95
051	TA50-1	44B	Phenanthrene	85-01-8	SVOC	<0.3						3	ug/L	lbs		Comment No. 95
051	TA50-1	45B	Pyrene	129-00-0	SVOC	<0.3						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	46B	1,2,4-Trichlorobenzene	120-82-1	SVOC	<3.0						3	ug/L	lbs	10.00	Comment No. 95
051	TA50-1	1P	Aldrin	309-00-2	Pesticides	<0.00747						1	ug/L	lbs	0.01	Comment No. 95
051	TA50-1	2P	α-BHC	319-84-6	Pesticides	<0.00747						1	ug/L	lbs	0.05	Comment No. 95
051	TA50-1	3P	β-BHC	319-85-7	Pesticides	<0.00747						1	ug/L	lbs	0.05	Comment No. 95
051	TA50-1	4P	γ-BHC	58-89-9	Pesticides	<0.00747						1	ug/L	lbs	0.05	Comment No. 95
051	TA50-1	5P	δ-BHC	319-86-8	Pesticides	<0.00747						1	ug/L	lbs		Comment No. 95
051	TA50-1	6P	Chlordane	57-74-9	Pesticides	<0.0876						1	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	7P	4,4-DDT	50-29-3	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	8P	4,4-DDE	72-55-9	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	9P	4,4-DDD	72-54-8	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	10P	Dieldrin	60-57-1	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	11P	α-Endosulfan	115-29-7	Pesticides	<0.00747						1	ug/L	lbs	0.01	Comment No. 95
051	TA50-1	12P	β-Endosulfan	115-29-7	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	13P	Endosulfan Sulfate	1031-07-8	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	14P	Endrin	72-20-8	Pesticides	<0.0112						1	ug/L	lbs	0.02	Comment No. 95
051	TA50-1	15P	Endrin Aldehyde	7421-93-4	Pesticides	<0.00747						1	ug/L	lbs	0.10	Comment No. 95
051	TA50-1	16P	Heptachlor	76-44-8	Pesticides	<0.00747						1	ug/L	lbs	0.01	Comment No. 95
051	TA50-1	17P	Heptachlor Epoxide	1024-57-3	Pesticides	<0.00747						1	ug/L	lbs	0.01	Comment No. 95
051	TA50-1	18P	PCB-1242	53469-21-9	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	19P	PCB-1254	11097-69-1	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95

Form 2C Crosswalk to the Effluent Data from the Outfall 051 Discharges [June 2019, March 2020, August 2020)

051	TA50-1	20P	PCB-1221	11104-28-2	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	21P	PCB-1232	11141-16-5	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	22P	PCB-1248	12672-29-6	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	23P	PCB-1260	11096-82-5	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	24P	PCB-1016	12674-11-2	PCBs	<0.0336						3	ug/L	lbs	0.20	Comment No. 95
051	TA50-1	25P	Toxaphene	8001-35-2	Pesticides	<0.169						1	ug/L	lbs	0.30	Comment No. 95

a. The Form 2C provided with the 2019 permit application included data from an operational sample. This data is from discharges to the Outfall June 2019, March 2020, and August 2020.
b. Each effluent tank discharged to Outfall 051 is adjusted to increase the hardness to a value greater than 50 mg/L. This step is not performed for an effluent tank discharged to the evaporator.

CONVERSION FACTORS USED TO CALCULATE MASS

2 20E-06 lbs = 1 mg
0 264172 gal = 1 Liter
1 ug = 1e-3mg
1pg = 1e-9 mg

DEFINITIONS

U = not detected above the method detection limit
J = Value estimated by the laboratory
H = Preparation or preservation holding time was exceeded

Field Parameters

Date	Volume Discharged to Outfalll 051 (GPD)	pH	TRC	Sulfite
18-Jun-19	21,345	7.2	0	0
10-Mar-20	16,253	8.1	0	na
18-Aug-20	10,209	8.1	0	na

OUTFALL 051 - Radiological Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Adjusted Gross Alpha	-0.659	pCi/L		UF	Y	Radiological	NM0028355	EPA:900_CALC		-0.659		1
NP051-19-181609	06/18/2019	Americium-241	1.07	pCi/L		UF	Y	Radiological	NM0028355	HASL-300:AM-241		1.07		1
NP051-19-181609	06/18/2019	Plutonium-238	0.24	pCi/L		UF	Y	Radiological	NM0028355	HASL-300:ISOPU		0.24		1
NP051-19-181609	06/18/2019	Plutonium-239/240	0.507	pCi/L		UF	Y	Radiological	NM0028355	HASL-300:ISOPU		0.507		1
NP051-19-182717	06/18/2019	Strontium-90	0.26	pCi/L	U	UF	N	Radiological	NM0028355	EPA:905.0		0.26		1
NP051-19-182717	06/18/2019	Tritium	4460	pCi/L		UF	Y	Radiological	NM0028355	EPA:906.0		4460		1
NP051-19-181609	06/18/2019	Uranium-234	0.551	pCi/L		UF	Y	Radiological	NM0028355	HASL-300:ISOU		0.551		1
NP051-19-181609	06/18/2019	Uranium-235/236	-0.0000728	pCi/L	U	UF	N	Radiological	NM0028355	HASL-300:ISOU		-0.0000728		1
NP051-19-181609	06/18/2019	Uranium-238	0.507	pCi/L		UF	Y	Radiological	NM0028355	HASL-300:ISOU		0.507		1
NP051-19-181609	06/18/2019	Gross alpha	2.22	pCi/L		UF	Y	Radiological	Form 2C	EPA:900		2.22		1
NP051-19-181609	06/18/2019	Gross beta	14.5	pCi/L		UF	Y	Radiological	Form 2C	EPA:900		14.5		1
NP051-19-181578	06/18/2019	Radium-226	0.165	pCi/L	U	UF	N	Radiological	NM0028355	EPA:903.1				
NP051-19-181609	06/18/2019	Radium-226	0	pCi/L	U	UF	N	Radiological	NM0028355	EPA:903.1				
NP051-20-193488	03/10/2020	Radium-226	0.0697	pCi/L	U	UF	N	Radiological	NM0028355	EPA:903.1				
NP051-20-195177	03/10/2020	Radium-226	0.360	pCi/L		UF	Y	Radiological	NM0028355	EPA:903.1				
NP051-20-193493	08/18/2020	Radium-226	0.215	pCi/L	U	UF	N	Radiological	NM0028355	EPA:903.1				
NP051-20-205978	08/18/2020	Radium-226	0.384	pCi/L		UF	Y	Radiological	NM0028355	EPA:903.1	0.372	0.384	0.384	6
NP051-19-181578	06/18/2019	Radium-226 and Radium-228	0.484	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-19-181609	06/18/2019	Radium-226 and Radium-228	-0.58	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-20-193488	03/10/2020	Radium-226 and Radium-228	0.2437	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-20-195177	03/10/2020	Radium-226 and Radium-228	0.708	pCi/L	J	UF	N	Radiological	NM0028355	EPA:904		0.708		4
NP051-19-181578	06/18/2019	Radium-228	0.319	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-19-181609	06/18/2019	Radium-228	-0.58	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-20-193488	03/10/2020	Radium-228	0.174	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-20-195177	03/10/2020	Radium-228	0.348	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-20-193493	08/18/2020	Radium-228	0.216	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904				
NP051-20-205978	08/18/2020	Radium-228	0.0797	pCi/L	U	UF	N	Radiological	NM0028355	EPA:904		<0.348		6

OUTFALL 051 - General Chemistry Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Ammonia as Nitrogen	1.17	mg/L		UF	Y	Gen Chem	Form 2C	EPA:350.1		1.17		1
NP051-19-181616	06/18/2019	Biochemical Oxygen Demand	1.00	mg/L	Ud	UF	N	Gen Chem	Form 2C	SM:5210B		<1.0		1
NP051-19-181609	06/18/2019	Bromide	0.067	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:300.0		<0.067		1
NP051-19-181609	06/18/2019	Chemical Oxygen Demand	15.5	mg/L	J	UF	Y	Gen Chem	Form 2C	EPA:410.4				
NP051-20-192659	03/10/2020	Chemical Oxygen Demand	8.95	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:410.4				
NP051-20-192664	08/18/2020	Chemical Oxygen Demand	14.8	mg/L	J	UF	N	Gen Chem	Form 2C	EPA:410.4		15.5		3
NP051-19-181609	06/18/2019	Color	5.00	PCU	UH	UF	N	Gen Chem	Form 2C	SM:2120B		<5.0		1
NP051-19-181578	06/18/2019	Cyanide (Total)	0.00167	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:335.4				
NP051-19-181609	06/18/2019	Cyanide (Total)	0.00167	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:335.4				
NP051-20-193488	03/10/2020	Cyanide (Total)	0.00167	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:335.4				
NP051-20-193493	08/18/2020	Cyanide (Total)	0.00167	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:335.4		<0.00167		4
NP051-19-181621	06/18/2019	Escherichia coli	1	cfu/100ml	U	UF	N	Gen Chem	Form 2C	EPA:1603		<1		1
NP051-19-181578	06/18/2019	Fluoride	0.116	mg/L		UF	Y	Gen Chem	Form 2C	EPA:300.0				
NP051-19-181609	06/18/2019	Fluoride	0.120	mg/L		UF	Y	Gen Chem	Form 2C	EPA:300.0				
NP051-20-193512	03/10/2020	Fluoride	0.0330	mg/L	U	F	N	Gen Chem	Form 2C	EPA:300.0				
NP051-20-193517	08/18/2020	Fluoride	0.134	mg/L		F	Y	Gen Chem	Form 2C	EPA:300.0	0.123	0.134	0.134	4
NP051-19-181578	06/18/2019	Nitrate-Nitrite as Nitrogen	7.63	mg/L		UF	Y	Gen Chem	Form 2C	EPA:353.2				
NP051-19-181609	06/18/2019	Nitrate-Nitrite as Nitrogen	7.36	mg/L		UF	Y	Gen Chem	Form 2C	EPA:353.2				
NP051-20-193512	03/10/2020	Nitrate-Nitrite as Nitrogen	0.320	mg/L		F	Y	Gen Chem	Form 2C	EPA:353.2				
NP051-20-193517	08/18/2020	Nitrate-Nitrite as Nitrogen	0.860	mg/L		F	Y	Gen Chem	Form 2C	EPA:353.2	4.04	7.63	7.50	4
NP051-19-182855	06/18/2019	Nonylphenol	5	ug/L	U	UF	N	Gen Chem	NMWQS	ASTM:D7065-06		<5.0		1
NP051-19-181609	06/18/2019	Oil and Grease	1.41	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:1664A		<1.41		1
NP051-19-181578	06/18/2019	Perchlorate	0.050	ug/L	U	UF	N	Gen Chem	NM0028355	SW-846:6850				
NP051-19-181609	06/18/2019	Perchlorate	0.050	ug/L	U	UF	N	Gen Chem	NM0028355	SW-846:6850				
NP051-20-193488	03/10/2020	Perchlorate	0.0500	ug/L	U	UF	N	Gen Chem	NM0028355	SW-846:6850				
NP051-20-195177	03/10/2020	Perchlorate	0.0500	ug/L	U	UF	N	Gen Chem	NM0028355	SW-846:6850				
NP051-20-193493	08/18/2020	Perchlorate	0.0500	ug/L	U	UF	N	Gen Chem	NM0028355	SW-846:6850				
NP051-20-205978	08/18/2020	Perchlorate	0.0500	ug/L	U	UF	N	Gen Chem	NM0028355	SW-846:6850		<0.050		6
NP051-19-181578	06/18/2019	Sulfate	7.04	mg/L		UF	Y	Gen Chem	Form 2C	EPA:300.0				
NP051-19-181609	06/18/2019	Sulfate	7.00	mg/L		UF	Y	Gen Chem	Form 2C	EPA:300.0				
NP051-20-193512	03/10/2020	Sulfate	0.269	mg/L	J	F	Y	Gen Chem	Form 2C	EPA:300.0				
NP051-20-193517	08/18/2020	Sulfate	6.20	mg/L		F	Y	Gen Chem	Form 2C	EPA:300.0	5.13	7.04	7.02	4
NP051-19-181609	06/18/2019	Sulfide, Total	0.033	mg/L	U	UF	N	Gen Chem	Form 2C	SM:4500S		<0.033		1
NP051-19-181609	06/18/2019	Surfactants	0.0395	mg/L	HJ	UF	Y	Gen Chem	Form 2C	SM:5540C	0.0395	0.0395	0.0395	1
NP051-19-181578	06/18/2019	Total Dissolved Solids	143	mg/L		UF	Y	Gen Chem	NMWQS	EPA:160.1				
NP051-20-193512	03/10/2020	Total Dissolved Solids	154	mg/L		F	Y	Gen Chem	NMWQS	EPA:160.1				
NP051-20-193517	08/18/2020	Total Dissolved Solids	159	mg/L		F	Y	Gen Chem	NMWQS	EPA:160.1	152	159	159	3
NP051-19-181578	06/18/2019	Total Kjeldahl Nitrogen	1.69	mg/L		UF	Y	Gen Chem	Form 2C	EPA:351.2				
NP051-19-181609	06/18/2019	Total Kjeldahl Nitrogen	1.49	mg/L		UF	Y	Gen Chem	Form 2C	EPA:351.2				
NP051-20-193488	03/10/2020	Total Kjeldahl Nitrogen	1.38	mg/L		UF	Y	Gen Chem	Form 2C	EPA:351.2				
NP051-20-193493	08/18/2020	Total Kjeldahl Nitrogen	0.257	mg/L		UF	Y	Gen Chem	Form 2C	EPA:351.2	1.20	1.69	1.59	4
NP051-19-181609	06/18/2019	Total Organic Carbon	0.660	mg/L	U	UF	N	Gen Chem	Form 2C	SM:5310B		<0.66		1
NP051-19-181609	06/18/2019	Total Phosphate as Phosphorus	0.020	mg/L	U	UF	N	Gen Chem	Form 2C	EPA:365.4		<0.02		1
NP051-19-181609	06/18/2019	Total Recoverable Phenolics	1.67	ug/L	U	UF	N	Gen Chem	Form 2C	EPA:420.4		<1.67		1
NP051-19-181616	06/18/2019	Total Suspended Solids	0.570	mg/L	U	UF	N	Gen Chem	Form 2C	SM:2540D				
NP051-20-192659	03/10/2020	Total Suspended Solids	1.12	mg/L	U	UF	N	Gen Chem	Form 2C	SM:2540D				
NP051-20-192664	08/18/2020	Total Suspended Solids	1.60	mg/L	J	UF	Y	Gen Chem	Form 2C	SM:2540D		1.600		3

OUTFALL 051 - Metals Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181578	06/18/2019	Aluminum	19.3	ug/L	U	UF	N	Metal	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Aluminum	19.3	ug/L	U	UF	N	Metal	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Aluminum	19.3	ug/L	U	UF	N	Metal	Form 2C	EPA:200.8		<19.3		3
NP051-19-182718	06/18/2019	Aluminum (dissolved)	19.3	ug/L	U	F	N	Metal	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Aluminum (dissolved)	19.3	ug/L	U	F	N	Metal	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Aluminum (dissolved)	19.3	ug/L	U	F	N	Metal	NMWQS	EPA:200.8		<19.3		3
NP051-19-181613	06/18/2019	Aluminum (total recoverable)	19.3	ug/L	U	F10u	N	Metal	NM0028355	EPA:200.8		<19.3		1
NP051-19-181578	06/18/2019	Antimony	1.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Antimony	1.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Antimony	1.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<1.0		3
NP051-19-182718	06/18/2019	Antimony (dissolved)	1.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Antimony (dissolved)	1.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Antimony (dissolved)	1.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<1.0		3
NP051-19-181578	06/18/2019	Arsenic	2.00	ug/L	U	UF	N	Metals	Metals	EPA:200.8				
NP051-19-181616	06/18/2019	Arsenic	2.00	ug/L	U	UF	N	Metals	Metals	EPA:200.8				
NP051-19-181617	06/18/2019	Arsenic	2.00	ug/L	U	UF	N	Metals	Metals	EPA:200.8		<2.0		3
NP051-19-182718	06/18/2019	Arsenic (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Arsenic (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Arsenic (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<2.0		3
NP051-19-181578	06/18/2019	Barium	1.54	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Barium	1.73	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Barium	1.87	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.8	1.71	1.87	1.87	3
NP051-19-182718	06/18/2019	Barium (dissolved)	1.51	ug/L	J	F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Barium (dissolved)	0.780	ug/L	J	F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Barium (dissolved)	0.937	ug/L	J	F	Y	Metals	NMWQS	EPA:200.8	1.08	1.51	1.51	3
NP051-19-181578	06/18/2019	Beryllium	0.200	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Beryllium	0.200	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Beryllium	0.200	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<0.2		3
NP051-19-182718	06/18/2019	Beryllium (dissolved)	0.200	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Beryllium (dissolved)	0.200	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Beryllium (dissolved)	0.200	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<0.2		3
NP051-19-181578	06/18/2019	Boron	85.7	ug/L		UF	Y	Metals	Form 2C	EPA:200.7				
NP051-19-181616	06/18/2019	Boron	92.9	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Boron	93.8	ug/L		UF	Y	Metals	Form 2C	EPA:200.8	90.80	93.80	93.8	3
NP051-19-182718	06/18/2019	Boron (dissolved)	93.2	ug/L		F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Boron (dissolved)	15.0	ug/L	U	F	N	Metals	NMWQS	EPA:200.7				
NP051-20-193517	08/18/2020	Boron (dissolved)	18.6	ug/L	J	F	Y	Metals	NMWQS	EPA:200.7	55.90	93.20	93.2	3
NP051-19-181578	06/18/2019	Cadmium	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Cadmium	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Cadmium	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-195079	03/10/2020	Cadmium	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<0.3		4
NP051-19-182718	06/18/2019	Cadmium (dissolved)	0.300	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Cadmium (dissolved)	0.300	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Cadmium (dissolved)	0.300	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<0.3		3
NP051-19-181578	06/18/2019	Chromium	3.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Chromium	3.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Chromium	3.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				

OUTFALL 051 - Metals Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195177	03/10/2020	Chromium	3.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-205978	08/18/2020	Chromium	3.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<3.0		5
NP051-19-182718	06/18/2019	Chromium (dissolved)	3.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Chromium (dissolved)	3.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Chromium (dissolved)	3.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<3.0		3
NP051-19-181616	06/18/2019	Chromium hexavalent ion	3	ug/L	UH	UF	N	Metals	NM0028355	SM:3500 Cr-B		<3.0		1
NP051-19-181616	06/18/2019	Chromium trivalent	3.000	ug/L	U	UF	N	Metals	NM0028355	Cr(III)_calculated		<3.0		
NP051-19-181578	06/18/2019	Cobalt	1	ug/L		UF	Y	Metals	Metals	EPA:200.8				
NP051-19-181616	06/18/2019	Cobalt	0.914	ug/L	J	UF	Y	Metals	Metals	EPA:200.8				
NP051-19-181617	06/18/2019	Cobalt	0.905	ug/L	J	UF	Y	Metals	Metals	EPA:200.8	0.94	1.00	1	3
NP051-19-182718	06/18/2019	Cobalt (dissolved)	1.62	ug/L		F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Cobalt (dissolved)	0.424	ug/L	J	F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Cobalt (dissolved)	1.02	ug/L		F	Y	Metals	NMWQS	EPA:200.8	1.02	1.62	1.62	3
NP051-19-181578	06/18/2019	Copper	11	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Copper	10.6	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Copper	10.2	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-20-195184	03/10/2020	Copper	1.01	ug/L	J	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-205987	08/18/2020	Copper	4.94	ug/L		UF	Y	Metals	Form 2C	EPA:200.8	6	11	11	5
NP051-19-182718	06/18/2019	Copper (dissolved)	10.4	ug/L		F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Copper (dissolved)	0.669	ug/L	J	F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Copper (dissolved)	3.28	ug/L		F	Y	Metals	NMWQS	EPA:200.8	4.78	10.40	10.4	3
NP051-19-181616	06/18/2019	Hardness	77.4	mg/L		UF	Y	Metals	NM0028355	SM:A2340B				
NP051-19-181617	06/18/2019	Hardness	74.4	mg/L		UF	Y	Metals	NM0028355	SM:A2340B				
NP051-20-195184	03/10/2020	Hardness	83.8	mg/L		UF	Y	Metals	NM0028355	SM:A2340B				
NP051-20-205987	08/18/2020	Hardness	65.1	mg/L		UF	Y	Metals	NM0028355	SM:A2340B	75.2	83.8	83.8	4
NP051-19-182718	06/18/2019	Hardness (dissolved)	77.1	mg/L		F	Y	Metals	NMWQS	SM:A2340B		77.1		1
NP051-19-181578	06/18/2019	Iron	44.9	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.7				
NP051-19-181616	06/18/2019	Iron	46.4	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Iron	44.8	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.8	45.37	46.40	46.4	3
NP051-19-182718	06/18/2019	Iron (dissolved)	33.0	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Iron (dissolved)	30.0	ug/L	U	F	N	Metals	NMWQS	EPA:200.7				
NP051-20-193517	08/18/2020	Iron (dissolved)	30.0	ug/L	U	F	N	Metals	NMWQS	EPA:200.7		<33		3
NP051-19-181578	06/18/2019	Lead	0.500	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Lead	0.524	ug/L	J	UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Lead	0.500	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-195177	03/10/2020	Lead	0.500	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-205978	08/18/2020	Lead	0.500	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		0.524		5
NP051-19-182718	06/18/2019	Lead (dissolved)	0.500	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Lead (dissolved)	0.500	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Lead (dissolved)	0.500	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<0.5		
NP051-19-181616	06/18/2019	Magnesium	13.3	mg/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Magnesium	12.8	mg/L		UF	Y	Metals	Form 2C	EPA:200.8	13.1	13.3	13.3	2
NP051-19-182718	06/18/2019	Magnesium (dissolved)	13.2	mg/L		F	Y	Metals	NMWQS	EPA:200.8		13.2		1
NP051-19-181578	06/18/2019	Manganese	21.4	ug/L		UF	Y	Metals	Form 2C	EPA:200.7				
NP051-19-181616	06/18/2019	Manganese	20.8	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Manganese	20.4	ug/L		UF	Y	Metals	Form 2C	EPA:200.8	20.87	21.40	21.4	3
NP051-19-182718	06/18/2019	Manganese (dissolved)	23	ug/L		F	Y	Metals	NMWQS	EPA:200.8				

OUTFALL 051 - Metals Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-193512	03/10/2020	Manganese (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.7				
NP051-20-193517	08/18/2020	Manganese (dissolved)	3.69	ug/L	J	F	Y	Metals	NMWQS	EPA:200.7	13	23	23	3
NP051-19-181578	06/18/2019	Mercury	0.067	ug/L	U	UF	N	Metals	Form 2C	EPA:245.2				
NP051-19-181616	06/18/2019	Mercury	0.067	ug/L	U	UF	N	Metals	Form 2C	EPA:245.2				
NP051-19-181617	06/18/2019	Mercury	0.067	ug/L	U	UF	N	Metals	Form 2C	EPA:245.2				
NP051-20-193488	03/10/2020	Mercury	0.0670	ug/L	U	UF	N	Metals	Form 2C	EPA:245.2				
NP051-20-195079	03/10/2020	Mercury	0.0670	ug/L	U	UF	N	Metals	Form 2C	EPA:245.2				
NP051-20-193493	08/18/2020	Mercury	0.0670	ug/L	U	UF	N	Metals	Form 2C	EPA:245.2		<0.067		6
NP051-20-193512	03/10/2020	Mercury (dissolved)	0.0670	ug/L	U	F	N	Metals	NMWQS	EPA:245.2				
NP051-20-193517	08/18/2020	Mercury (dissolved)	0.0670	ug/L	U	F	N	Metals	NMWQS	EPA:245.2		<0.067		2
NP051-19-181578	06/18/2019	Molybdenum	0.200	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Molybdenum	0.200	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Molybdenum	0.200	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<0.2		3
NP051-19-182718	06/18/2019	Molybdenum (dissolved)	0.200	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Molybdenum (dissolved)	0.200	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Molybdenum (dissolved)	0.200	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<0.2		3
NP051-19-181578	06/18/2019	Nickel	6.59	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Nickel	6.22	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Nickel	5.98	ug/L		UF	Y	Metals	Form 2C	EPA:200.8				
NP051-20-195079	03/10/2020	Nickel	0.600	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8	6.19	6.59	6.41	4
NP051-19-182718	06/18/2019	Nickel (dissolved)	6.51	ug/L		F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Nickel (dissolved)	0.600	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Nickel (dissolved)	0.600	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		6.51		3
NP051-19-181616	06/18/2019	Potassium	0.813	mg/L		UF	Y	Metals	NMWQS	EPA:200.8				
NP051-19-181617	06/18/2019	Potassium	0.802	mg/L		UF	Y	Metals	NMWQS	EPA:200.8	0.808	0.813	0.813	2
NP051-19-182718	06/18/2019	Potassium (dissolved)	0.896	mg/L		F	Y	Metals	NMWQS	EPA:200.8		0.896		1
NP051-19-181578	06/18/2019	Selenium	2.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Selenium	2.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Selenium	2.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-195079	03/10/2020	Selenium	2.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<2.0		4
NP051-19-182718	06/18/2019	Selenium (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Selenium (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Selenium (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<2.0		3
NP051-19-181578	06/18/2019	Silver	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Silver	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Silver	0.300	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<0.3		3
NP051-19-182718	06/18/2019	Silver (dissolved)	0.300	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Silver (dissolved)	0.300	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Silver (dissolved)	0.300	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<0.3		3
NP051-19-181578	06/18/2019	Thallium	0.600	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181616	06/18/2019	Thallium	0.600	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Thallium	0.600	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<0.6		3
NP051-19-182718	06/18/2019	Thallium (dissolved)	0.600	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Thallium (dissolved)	0.600	ug/L	U	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Thallium (dissolved)	0.600	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<0.6		3
NP051-19-181616	06/18/2019	Tin	1.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Tin	1.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<1.0		2

OUTFALL 051 - Metals Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-182718	06/18/2019	Tin (dissolved)	1.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<1.0		1
NP051-19-181616	06/18/2019	Titanium	2.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Titanium	2.00	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8		<2.0		2
NP051-19-182718	06/18/2019	Titanium (dissolved)	2.00	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<2.0		1
NP051-19-181578	06/18/2019	Uranium	0.17	ug/L	J	UF	Y	Metals	NMWQS	EPA:200.8		0.17		1
NP051-20-193512	03/10/2020	Uranium (dissolved)	0.367	ug/L		F	Y	Metals	NMWQS	EPA:200.8				
NP051-20-193517	08/18/2020	Uranium (dissolved)	0.453	ug/L		F	Y	Metals	NMWQS	EPA:200.8	0.410	0.453	0.453	2
NP051-19-181616	06/18/2019	Vanadium	3.30	ug/L	U	UF	N	Metals	NMWQS	EPA:200.8				
NP051-19-181617	06/18/2019	Vanadium	3.30	ug/L	U	UF	N	Metals	NMWQS	EPA:200.8		<3.3		2
NP051-19-182718	06/18/2019	Vanadium (dissolved)	3.30	ug/L	U	F	N	Metals	NMWQS	EPA:200.8		<3.3		1
NP051-19-181578	06/18/2019	Zinc	7.79	ug/L	J	UF	N	Metals	Form 2C	EPA:200.7				
NP051-19-181616	06/18/2019	Zinc	7.07	ug/L	J	UF	N	Metals	Form 2C	EPA:200.8				
NP051-19-181617	06/18/2019	Zinc	6.94	ug/L	J	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-195184	03/10/2020	Zinc	3.30	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8				
NP051-20-205987	08/18/2020	Zinc	3.30	ug/L	U	UF	N	Metals	Form 2C	EPA:200.8	7.27	7.79	7.27	5
NP051-19-182718	06/18/2019	Zinc (dissolved)	7.61	ug/L	J	F	N	Metals	NMWQS	EPA:200.8				
NP051-20-193512	03/10/2020	Zinc (dissolved)	3.44	ug/L	J	F	Y	Metals	NMWQS	EPA:200.7				
NP051-20-193517	08/18/2020	Zinc (dissolved)	3.47	ug/L	J	F	Y	Metals	NMWQS	EPA:200.7	3.46	3.47	3.47	3

OUTFALL 051 - Dioxin Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181618	06/18/2019	Tetrachlorodibenzodioxin[2,3,7,8-]	0.0000103	ug/L	U	UF	N	Dioxin	Form 2C	EPA:1613B		<0.0000103		1

OUTFALL 051 - VOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Acrolein	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Acrolein	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Acrolein	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<1.67		3
NP051-19-181609	06/18/2019	Acrylonitrile	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Acrylonitrile	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Acrylonitrile	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<1.67		3
NP051-19-181609	06/18/2019	Benzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Benzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Benzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Bromodichloromethane	0.92	ug/L	J	UF	Y	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Bromodichloromethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Bromodichloromethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		0.92		3
NP051-19-181609	06/18/2019	Bromoform	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Bromoform	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Bromoform	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Bromomethane	0.337	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Bromomethane	0.337	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Bromomethane	0.337	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.337		3
NP051-19-181609	06/18/2019	Carbon Tetrachloride	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Carbon Tetrachloride	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Carbon Tetrachloride	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Chlorobenzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Chlorobenzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Chlorobenzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Chlorodibromomethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Chlorodibromomethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Chlorodibromomethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Chloroethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Chloroethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Chloroethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Chloroethyl vinyl ether[2-]	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Chloroethyl vinyl ether[2-]	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Chloroethyl vinyl ether[2-]	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<1.67		3
NP051-19-181609	06/18/2019	Chloroform	12	ug/L		UF	Y	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Chloroform	1.63	ug/L		UF	Y	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Chloroform	1.57	ug/L		UF	Y	VOC	Form 2C	EPA:624.1	5	12	12	3
NP051-19-181609	06/18/2019	Chloromethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Chloromethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Chloromethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichlorobenzene[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichlorobenzene[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichlorobenzene[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichlorobenzene[1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichlorobenzene[1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichlorobenzene[1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichlorobenzene[1,4-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichlorobenzene[1,4-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichlorobenzene[1,4-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-20-192659	03/10/2020	Dichlorodifluoromethane	0.355	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.355		1

OUTFALL 051 - VOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Dichloroethane[1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloroethane[1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloroethane[1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichloroethane[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloroethane[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloroethane[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichloroethene[1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloroethene[1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloroethene[1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichloroethene[trans-1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloroethene[trans-1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloroethene[trans-1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichloropropane[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloropropane[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloropropane[1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichloropropene[cis-1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloropropene[cis-1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloropropene[cis-1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Dichloropropene[trans-1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Dichloropropene[trans-1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Dichloropropene[trans-1,3-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Ethylbenzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Ethylbenzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Ethylbenzene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Methylene Chloride	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Methylene Chloride	5.07	ug/L		UF	Y	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Methylene Chloride	1.67	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		5.07		3
NP051-19-181609	06/18/2019	Oxybis(1-chloropropane)[2,2'-]	1.67	ug/L	U	UF	N	VOC		EPA:624.1				
NP051-20-192659	03/10/2020	Oxybis(1-chloropropane)[2,2'-]	1.67	ug/L	U	UF	N	VOC		EPA:624.1		<1.67		2
NP051-19-181609	06/18/2019	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Tetrachloroethene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Tetrachloroethene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Tetrachloroethene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Toluene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Toluene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Toluene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Trichloroethane[1,1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Trichloroethane[1,1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Trichloroethane[1,1,1-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Trichloroethane[1,1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Trichloroethane[1,1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Trichloroethane[1,1,2-]	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-19-181609	06/18/2019	Trichloroethene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192659	03/10/2020	Trichloroethene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Trichloroethene	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3
NP051-20-192659	03/10/2020	Trichlorofluoromethane	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		1
NP051-19-181609	06/18/2019	Vinyl Chloride	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				

OUTFALL 051 - VOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-192659	03/10/2020	Vinyl Chloride	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1				
NP051-20-192664	08/18/2020	Vinyl Chloride	0.333	ug/L	U	UF	N	VOC	Form 2C	EPA:624.1		<0.333		3

OUTFALL 051 - SVOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Acenaphthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Acenaphthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Acenaphthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Acenaphthylene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Acenaphthylene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Acenaphthylene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-20-192659	03/10/2020	Azobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Azobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		2
NP051-19-181609	06/18/2019	Benzidine	3.90	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Benzidine	3.90	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Benzidine	3.90	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.9		3
NP051-19-181609	06/18/2019	Benzo(a)anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Benzo(a)anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Benzo(a)anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Benzo(a)pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Benzo(a)pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Benzo(a)pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Benzo(b)fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Benzo(b)fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Benzo(b)fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Benzo(g,h,i)perylene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Benzo(g,h,i)perylene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Benzo(g,h,i)perylene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Benzo(k)fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Benzo(k)fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Benzo(k)fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Bis(2-chloroethoxy)methane	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Bis(2-chloroethoxy)methane	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Bis(2-chloroethoxy)methane	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Bis(2-chloroethyl)ether	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Bis(2-chloroethyl)ether	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Bis(2-chloroethyl)ether	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Bis(2-ethylhexyl)phthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Bis(2-ethylhexyl)phthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Bis(2-ethylhexyl)phthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Bromophenyl-phenylether[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Bromophenyl-phenylether[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Bromophenyl-phenylether[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Butylbenzylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Butylbenzylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Butylbenzylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Chloro-3-methylphenol[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Chloro-3-methylphenol[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				

OUTFALL 051 - SVOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-192664	08/18/2020	Chloro-3-methylphenol[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Chloronaphthalene[2-]	0.410	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Chloronaphthalene[2-]	0.410	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Chloronaphthalene[2-]	0.410	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.410		3
NP051-19-181609	06/18/2019	Chlorophenol[2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Chlorophenol[2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Chlorophenol[2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Chlorophenyl-phenyl[4-] Ether	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Chlorophenyl-phenyl[4-] Ether	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Chlorophenyl-phenyl[4-] Ether	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Chrysene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Chrysene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Chrysene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Dibenz(a,h)anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dibenz(a,h)anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dibenz(a,h)anthracene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Dichlorobenzidine[3,3'-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dichlorobenzidine[3,3'-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dichlorobenzidine[3,3'-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Dichlorophenol[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dichlorophenol[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dichlorophenol[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Diethylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Diethylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Diethylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Dimethyl Phthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dimethyl Phthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dimethyl Phthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Dimethylphenol[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dimethylphenol[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dimethylphenol[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Di-n-butylphthalate	0.52	ug/L	J	UF	Y	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Di-n-butylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Di-n-butylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		0.52		3
NP051-19-181609	06/18/2019	Dinitro-2-methylphenol[4,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dinitro-2-methylphenol[4,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dinitro-2-methylphenol[4,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Dinitrophenol[2,4-]	5.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dinitrophenol[2,4-]	5.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dinitrophenol[2,4-]	5.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<5.0		3
NP051-19-181609	06/18/2019	Dinitrotoluene[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dinitrotoluene[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dinitrotoluene[2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Dinitrotoluene[2,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Dinitrotoluene[2,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Dinitrotoluene[2,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3

OUTFALL 051 - SVOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Di-n-octylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Di-n-octylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Di-n-octylphthalate	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Diphenylamine	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Diphenylamine	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Diphenylamine	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Diphenylhydrazine[1,2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		1
NP051-19-181609	06/18/2019	Fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Fluoranthene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Fluorene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Fluorene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Fluorene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Hexachlorobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Hexachlorobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Hexachlorobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Hexachlorobutadiene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Hexachlorobutadiene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Hexachlorobutadiene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Hexachlorocyclopentadiene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Hexachlorocyclopentadiene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Hexachlorocyclopentadiene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Hexachloroethane	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Hexachloroethane	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Hexachloroethane	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Indeno(1,2,3-cd)pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Indeno(1,2,3-cd)pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Indeno(1,2,3-cd)pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Isophorone	3.50	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Isophorone	3.50	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Isophorone	3.50	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.5		3
NP051-19-181609	06/18/2019	Naphthalene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Naphthalene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Naphthalene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Nitrobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Nitrobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Nitrobenzene	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Nitrophenol[2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Nitrophenol[2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Nitrophenol[2-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Nitrophenol[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Nitrophenol[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Nitrophenol[4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Nitrosodimethylamine[N-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Nitrosodimethylamine[N-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-193480	03/10/2020	Nitrosodimethylamine[N-]	0.0185	ug/L		UF	Y	SVOC	NMWQS	Nitrosamines:HRMS				

OUTFALL 051 - SVOC Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-192664	08/18/2020	Nitrosodimethylamine[N-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		0.0185		4
NP051-19-181609	06/18/2019	Nitroso-di-n-propylamine[N-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Nitroso-di-n-propylamine[N-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-193480	03/10/2020	Nitroso-di-n-propylamine[N-]	0.00018	ug/L	U	UF	N	SVOC	NMWQS	Nitrosamines:HRMS				
NP051-20-192664	08/18/2020	Nitroso-di-n-propylamine[N-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.00018		4
NP051-19-181609	06/18/2019	Oxybis(1-chloropropane)[2,2'-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Oxybis(1-chloropropane)[2,2'-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Oxybis(1-chloropropane)[2,2'-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Pentachlorophenol	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Pentachlorophenol	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Pentachlorophenol	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Phenanthrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Phenanthrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Phenanthrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Phenol	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Phenol	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Phenol	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Pyrene	0.300	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<0.3		3
NP051-19-181609	06/18/2019	Trichlorobenzene[1,2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Trichlorobenzene[1,2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Trichlorobenzene[1,2,4-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3
NP051-19-181609	06/18/2019	Trichlorophenol[2,4,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192659	03/10/2020	Trichlorophenol[2,4,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1				
NP051-20-192664	08/18/2020	Trichlorophenol[2,4,6-]	3.00	ug/L	U	UF	N	SVOC	Form 2C	EPA:625.1		<3.0		3

OUTFALL 051 - Pesticide Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Require ment	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181609	06/18/2019	Aldrin	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	BHC[alpha-]	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	BHC[beta-]	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	BHC[delta-]	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	BHC[gamma-]	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	Chlordane(alpha/gamma)	0.086	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0876		1
NP051-19-181609	06/18/2019	Chlordane[alpha-]	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	Chlordane[gamma-]	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	DDD[4,4'-]	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	DDE[4,4'-]	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	DDT[4,4'-]	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	Dieldrin	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	Endosulfan I	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	Endosulfan II	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	Endosulfan Sulfate	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	Endrin	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	Endrin Aldehyde	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	Endrin Ketone	0.0112	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0112		1
NP051-19-181609	06/18/2019	Heptachlor	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	Heptachlor Epoxide	0.00747	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.00747		1
NP051-19-181609	06/18/2019	Methoxychlor[4,4'-]	0.0562	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.0562		1
NP051-19-181609	06/18/2019	Toxaphene (Technical Grade)	0.169	ug/L	U	UF	N	Pesticide	Form 2C	EPA:608.3		<0.169		1

OUTFALL 051 - PCB Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-19-181578	06/18/2019	Aroclor-1016	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1016	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1016	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181578	06/18/2019	Aroclor-1221	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1221	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1221	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181578	06/18/2019	Aroclor-1232	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1232	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1232	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181578	06/18/2019	Aroclor-1242	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1242	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1242	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181578	06/18/2019	Aroclor-1248	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1248	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1248	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181578	06/18/2019	Aroclor-1254	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1254	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1254	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181578	06/18/2019	Aroclor-1260	0.034	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193488	03/10/2020	Aroclor-1260	0.0336	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082				
NP051-20-193493	08/18/2020	Aroclor-1260	0.0333	ug/L	U	UF	N	PCBs	Form 2C	SW-846:8082		<0.0336		3
NP051-19-181618	06/18/2019	Total PCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total PCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C		0		2
NP051-19-181618	06/18/2019	PCB-1	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-1	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-10	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-10	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-103	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-103	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-104	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-104	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-105	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-105	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-106	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-106	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-107	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-107	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-108/PCB-124	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-108/PCB-124	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-11	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-11	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-110/PCB-115	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-110/PCB-115	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-111	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-111	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-112	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-112	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-114	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

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Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-114	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-118	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-118	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-12/PCB-13	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-12/PCB-13	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-120	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-120	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-121	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-121	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-122	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-122	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-123	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-123	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-126	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-126	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-127	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-127	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-128/PCB-166	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-128/PCB-166	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-129/PCB-138/PCB-163	0.00031	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-129/PCB-138/PCB-163	0.000314	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-130	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-130	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-131	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-131	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-132	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-132	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-133	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-133	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-134	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-134	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-135/PCB-151	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-135/PCB-151	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-136	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-136	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-137	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-137	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-139/PCB-140	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-139/PCB-140	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-14	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-14	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-141	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-141	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-142	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-142	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-143	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-143	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-144	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

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Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-144	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-145	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-145	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-146	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-146	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-147/PCB-149	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-147/PCB-149	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-148	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-148	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-15	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-15	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-150	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-150	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-152	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-152	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-153/PCB-168	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-153/PCB-168	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-154	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-154	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-155	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-155	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-156/PCB-157	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-156/PCB-157	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-158	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-158	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-159	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-159	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-16	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-16	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-160	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-160	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-161	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-161	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-162	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-162	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-164	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-164	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-165	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-165	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-167	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-167	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-169	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-169	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-17	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-17	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-170	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-170	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-171/PCB-173	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

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Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-171/PCB-173	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-172	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-172	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-174	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-174	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-175	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-175	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-176	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-176	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-177	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-177	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-178	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-178	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-179	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-179	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-18/PCB-30	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-18/PCB-30	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-180/PCB-193	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-180/PCB-193	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-181	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-181	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-182	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-182	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-183/PCB-185	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-183/PCB-185	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-184	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-184	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-186	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-186	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-187	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-187	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-188	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-188	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-189	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-189	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-19	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-19	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-190	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-190	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-191	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-191	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-192	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-192	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-194	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-194	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-195	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-195	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-196	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

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Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-196	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-197/PCB-200	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-197/PCB-200	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-198/PCB-199	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-198/PCB-199	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-2	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-2	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-20/PCB-28	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-20/PCB-28	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-201	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-201	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-202	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-202	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-203	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-203	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-204	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-204	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-205	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-205	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-206	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-206	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-207	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-207	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-208	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-208	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-209	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-209	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-21/PCB-33	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-21/PCB-33	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-22	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-22	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-23	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-23	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-24	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-24	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-25	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-25	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-26/PCB-29	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-26/PCB-29	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-27	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-27	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-3	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-3	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-31	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-31	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-32	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-32	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-34	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

OUTFALL 051 - PCB Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-34	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-35	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-35	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-36	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-36	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-37	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-37	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-38	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-38	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-39	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-39	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-4	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-4	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-40/PCB-71	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-40/PCB-71	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-41	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-41	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-42	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-42	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-43	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-43	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-44/PCB-47/PCB-65	0.00031	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-44/PCB-47/PCB-65	0.000314	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-45/PCB-51	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-45/PCB-51	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-46	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-46	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-48	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-48	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-49/PCB-69	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-49/PCB-69	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-5	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-5	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-50/PCB-53	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-50/PCB-53	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-52	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-52	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-54	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-54	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-55	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-55	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-56	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-56	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-57	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-57	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-58	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-58	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-59/PCB-62/PCB-75	0.00031	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

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Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-59/PCB-62/PCB-75	0.000314	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-6	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-6	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-60	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-60	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-61/PCB-70/PCB-74/PCB-76	0.000413	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-61/PCB-70/PCB-74/PCB-76	0.000419	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-63	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-63	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-64	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-64	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-66	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-66	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-67	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-67	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-68	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-68	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-7	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-7	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-72	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-72	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-73	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-73	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-77	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-77	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-78	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-78	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-79	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-79	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-8	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-8	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-80	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-80	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-81	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-81	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-82	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-82	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-83	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-83	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-84	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-84	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-85/PCB-116/PCB-117	0.00031	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-85/PCB-116/PCB-117	0.000314	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-86/87/97/109/119/125	0.00062	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-86/87/97/109/119/125	0.000628	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-88/PCB-91	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-88/PCB-91	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-89	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				

OUTFALL 051 - PCB Data From Discharges June 2019, March 2020, and August 2020

Sample ID	Date	Parameter	Result	Units	Qualifier	Filtered/ Unfiltered	Detected	Analysis	Requirement	Lab Method	Long Term Avg	Daily Max	30 Day Max	Total No. Samples
NP051-20-195070	03/10/2020	PCB-89	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-9	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-9	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-90/PCB-101/PCB-113	0.00031	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-90/PCB-101/PCB-113	0.000314	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-92	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-92	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-93/PCB-100	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-93/PCB-100	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-94	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-94	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-95	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-95	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-96	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-96	0.000157	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-98/PCB-102	0.000207	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-98/PCB-102	0.000209	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	PCB-99	0.000103	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	PCB-99	0.000105	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total decaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total decaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total diCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total diCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total heptaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total heptaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total hexaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total hexaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total monoCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total monoCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total nonaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total nonaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total octaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total octaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total pentaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total pentaCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total tetraCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total tetraCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-19-181618	06/18/2019	Total triCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				
NP051-20-195070	03/10/2020	Total triCB	0	ug/L	U	UF	N	PCB	NM0028355	EPA:1668C				